

Electronics Related Components

# Product Catalogue

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This computer generated document contains the following sections:

#### KITS & MODULES

- Controllers, Programmers & CPLD
- gizDuino (Arduino Compatible) & Shields
- Interface
- Peripheral Kits
- Display Subsystem
- Wireless Kit
- Sensor Kit
- Input Devices
- I/O Kits
- Motor Drivers
- Miscellaneous Kits

#### ROBOTIC KITS AND COMPONENTS

- Robot Chassis & Parts
- Robot Kit
- DC Motors
- Servo Motors
- Servo Accessories
- Motor Brackets

#### IC: ADC and DAC

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- IC: DAC

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- IC: Comparators

#### IC: LINEAR, INTERFACE AND MOTOR DRIVERS

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- IC: Interface
- IC: Motor Drivers

#### IC: GLUE LOGIC

- IC: Glue Logic

#### IC: MICRONROLLER/MICROPROCESSORS

- IC: Microcontrollers/Microprocessors

#### IC: MEMORY DEVICES

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- IC: Electrically Erasable EEPROM Memory
- IC: RAM Memory
- IC: PROM and UV Erasable Memory

#### IC: PERIPHERAL DEVICES

- IC: Peripheral Devices

#### IC: PAL, GAL, CPLD, FPGA

- IC: PAL, GAL, CPLD, FPGA

#### IC: INSTRUMENTATION AND PRECISION CIRCUITS

- IC: Instrumentation and Precision Circuits

IC: VOLTAGE REGULATORS & DC/DC CONVERTERS

IC: Low Dropout Linear Regulator

IC: Linear Voltage Regulator

IC: DC/DC Converter

IC: Switching Regulator circuit

IC: POWER SUPPLY RELATED COMPONENTS

IC: Power Supply Related Components

IC: APPLICATION SPECIFIC AND TELECOM

IC: Application Specific

IC: Telecom Application

IC: RF DEVICES

IC: RF Devices

SENSOR COMPONENTS

IC Sensors

Discrete Sensors

Optoelectronics Sensors

SOLAR PANELS

Solar Panel

NPN TRANSISTORS

NPN Transistors

NPN Digital (Built-in Bias) Transistors

NPN RF Transistors

PNP TRANSISTORS

PNP Transistors

PNP Digital (Built-in Bias) Transistors

NPN-PNP COMPOUND TRANSISTORS

NPN-PNP Compound Transistors

SCR & TRIACS

SCR

TRIACS

IGBT, FET & MOSFETS

IGBTs

FETs

N Channel MOSFETS

P Channel MOSFETS

N/P Channel MOSFETS

DIODES & RECTIFIERS

Diodes & Rectifiers

Bridge Rectifiers

FAST RECOVERY DIODES AND SCHOTTKY DIODES

Fast Recovery Diodes

Schottky Diodes

## ZENER DIODES & VARACTORS

Zener Diodes

Varactor (Voltage Variable) Diodes

## CRYSTAL & RESONATORS

Crystal & Resonators

## FILTER COMPONENTS & DELAY LINES

Filter Components

Delay Line Components

## SMD CHIP CAPACITORS

Chip Capacitors Form 0402

Chip Capacitors Form 0603

Chip Capacitors Form 0805

Chip Capacitors Form 1206

Chip Capacitors Form 1210

Chip Capacitors Form 1812

Chip Capacitors Form 2010

Chip Capacitors Form 2512

## AC RATED CAPACITORS

AC Rated Capacitors

## SUPER CAPACITORS, ELECTROLYTIC CAPACITORS AND SMD ELECTROLYTIC

Super capacitors (a.k.a. Gold Cap, Memory Cap)

Electrolytic capacitors

SMD electrolytic Capacitors

## CERAMIC AND MULTILAYER CERAMICS (MONOLYTIC)

Ceramic Capacitors

Multilayer Ceramic (monolytic) Capacitors

## TANTALUM CAPACITORS

Tantalum Capacitors: Through Hole

Tantalum Capacitors: SMD

## FILM CAPACITORS INCLUDING MYLAR

Mylar Capacitors

Polypropylene Film Capacitors

Polystyrene Film Capacitors

Polyester Film Capacitors

## SMD CHIP RESISTORS

Chip Resistors form 0402

Chip Resistors form 0603

Chip Resistors form 0805

Chip Resistors form 1206

Chip Resistors form 1210

Chip Resistors form 2010

Chip Resistors form 2312

Chip Resistors form 2512

Chip Resistors form 3212

## SMD PRECISION CHIP RESISTORS

Precision Chip Resistors form 0402

Precision Chip Resistors form 0603  
Precision Chip Resistors form 0805  
Precision Chip Resistors form 1206  
Precision Chip Resistors form 1210  
Precision Chip Resistors form 2010  
Precision Chip Resistors form 2312  
Precision Chip Resistors form 2512  
Precision Chip Resistors form 3212

## RESISTORS

Resistors 1/16 watts  
Resistors 1/8 watts  
Resistors 1/4 watts  
Resistors 1/2 watts  
Resistors 1 watt  
Resistors 2 watts  
Resistors 3 watts  
Resistors 5 watts  
Resistors 10 watts  
Resistors 20 watts

## PRECISION RESISTORS

Precision Resistors 1/16 watts  
Precision Resistors 1/8 watts  
Precision Resistors 1/4 watts  
Precision Resistors 1/2 watts  
Precision Resistors 1 watts  
Precision Resistors 2 watts  
Precision Resistors 3 watts  
Precision Resistors 5 watts  
Precision Resistors 10 watts  
Precision Resistors 20 watts

## RESISTOR NETWORK

Resistor Network

## POTENTIOMETERS

Potentiometers

## TRIMMER RESISTORS

Trimmer Resistors

## MULTITURN TRIMMER RESISTORS

Multiturn Trimmer Resistors

## CHOKE COIL/INDUCTORS & TRANSFORMERS

Choke Coil/Inductors Through Holes  
Choke Coil/Inductors SMD  
Transformers

## FERRITE CORE

Ferrite Cores

## SEVEN SEGMENT LED DISPLAY

Seven Segment LED Display

## LIGHT EMITTING DIODE

- Light Emitting Diode
- SMD Light Emitting Diode
- Light Emitting Diode Multicolor
- SMD Light Emitting Diode Multicolor
- Panel Mount Bezel LED Indicators
- LED Modules including Back Light LED
- Power LEDs

## LED MATRIX

- LED Matrix

## INFRARED AND IRDA DEVICES

- Infrared Devices
- IRDA Devices

## LASER EMITTER

- Laser emitter

## LCD, VFD, and LED DISPLAY MODULES

- LCD, VFD and LED Display Modules

## OPTOCOUPLER

- Optocoupler

## SOLID STATE RELAY

- Solid State Relay

## PROTECTION COMPONENTS

- Fuse
- SMD Fuse
- PC Solderable Fuse
- Varistor
- PTC/Self Resetting Fuse
- TVS
- Line Filter

## RECHARGEABLE BATTERY

- Rechargeable Battery

## CONNECTORS, WIRES AND CABLES

- Audio/Video
- Circular
- Cables
- Data Connectors
- Header Connectors
- Terminal Lugs
- Power Connectors
- RF Connectors
- Sockets
- Terminals
- Wafer
- Miscellaneous Connectors

## MISCELLANEOUS COMPONENTS

- Miscellaneous Components

## HEATSINKS

- Heatsinks

## POWER SUPPLY

- Power Supply

## AC/DC ADAPTERS

- AC/DC Adapters

## RELAY

- Relay
- Reed Relays

## IC SOCKET

- IC socket

## SWITCHES

- Switches
- Push Switches
- Rotary Switches
- Encoder

## BUZZERS AND SPEAKERS

- Buzzers and Speakers

## EXPERIMENTER TOOLS & MISCELLANY

- Tools
- PCB
- Consumables
- Test Equipment
- Enclosures
- DIYer's Accessories
- Standoffs
- Fasteners

**Tip:** Use the Adobe Acrobat Reader SEARCH function to quickly find the components you need.



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## **KITS & MODULES**

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## Controllers, Programmings & CPLD

Item Code	PART NUMBER	Description
*81030810	ATMEGA8 kit	ATMEGA8 experimenter kit
*77012679	Gizduino ATMEGA168	AVR Gizduino kit 80-010510
*77011929	CPLD Experimenter Board	CPLD Experimenter Board
*77012432	E Pickit 2 w/ usb cable	E Pickit 2 80-032210 w/USB cable
*77012828	Atmega328	Gizduino Atmega328 version Kit
*77011995	eICD2 board W/serial	ICD2 board W/serial cable
*77011848	IRC	IRC Slimboard 7.5 w/RS232 & p.supply
*77011882	MCS51-XA board	MCS51-XA board w/serial cable
77012382	PIC UPRC	PIC Based UPRC
77008829	PIC Ethernet Development	PIC Ethernet Development Module
*81072308	ePicPro	Pic programmer
77003440	Pinguino w/ usb cable	Pinguino w/ usb cable
*77008796	PLC CON	PLC connector
*77008669	PLC Shield	PLC Shield
77003388	Z8duino w/usb cable	Z8duino w/ usb cable

## gizDuino (Arduino Compatible) & Shields

Item Code	PART NUMBER	Description
*81030810	ATMEGA8 kit	ATMEGA8 experimenter kit
*77012679	Gizduino ATMEGA168	AVR Gizduino kit 80-010510
77003998	Bluetooth Shield Master	Bluetooth Shield Master
77003997	Bluetooth Shield Slave	Bluetooth Shield Slave
77003963	Color LCD Shield	Color LCD Shield
77003201	Ethernet Shield	Ethernet to serial Shield
*77012828	Atmega328	Gizduino Atmega328 version Kit
*77003178	LED Shield	LED Shield
77003440	Pinguino w/ usb cable	Pinguino w/ usb cable
*77008669	PLC Shield	PLC Shield
*77005783	RF-BT Shield	Prototyping shield with port for RF modul
77008668	SD/MMC Card Shield	SD/MMC Card Shield
77003388	Z8duino w/usb cable	Z8duino w/ usb cable
*77003203	Zigbee Shield	Zigbee Shield

## Interface

Item Code	PART NUMBER	Description
*77008595	Parallel port isolator	Parallel port w/opto isolator
77011022	485C	RS232 to RS485 Converter
*77011860	RS232 to TTL	RS232 TO TTL Level Converter
77012603	ATC-1000M	Serial to Ethernet Embedded Module
*77011931	USB TO UART	USB to UART serial TTI converter

## Peripheral Kits

Item Code	PART NUMBER	Description
77003201	Ethernet Shield	Ethernet to serial Shield
*77003178	LED Shield	LED Shield
*77010106	Voice Recorder kit	Programmable Voice Recorder kit
*77005783	RF-BT Shield	Prototyping shield with port for RF modul
77003996	Real Time Clock RTC	Real Time Clock RTC break out board

77008668	SD/MMC Card Shield	SD/MMC Card Shield
77008670	USB Host for uC	Vinculum II USB Host for uC

### Display Subsystem

Item Code	PART NUMBER	Description
*77011886		0.6" 7 segment board
77006736	1.5 inch x4 digit display	1.5 inc x 4 digit Display board
*77012842	80-101510	3 inches x 2 Digit Display Module
*77010176	4 digit display/counter	4 digit display/counter kit
77011907	4x20	4X20 Serial LCD kit
77011910	5	5" Seven seg.LED display board
*77010440	Red Matrix Display board	8x32 Red LED matrix display kit
*77011021	Matrix Controller	8x8 LED matrix controller kit
77003963	Color LCD Shield	Color LCD Shield
*77010811	I/O Led monitor	I/O Led monitor
*77011908	2x16	Serial LCD kit 2x16
*77011909	2x16 VFD	Serial VFD kit 2x16
*77002587	Touchscreen Board	Touchscreen Board w/adaptor & serial ca

### Wireless Kit

Item Code	PART NUMBER	Description
77011783	IR Kit sensor 80-012708-1	11 functions IR Remote Control Kit
77006891	433MHZ R/C Parallel	433MHZ R/C Parallel kit
*77006892	433MHZ R/C Serial	433MHZ R/C Serial
77011895	JZ863	433MHZ TX-RX JZ863 w/antenna&con.
77011896	JZ871	433MHZ TX-RX JZ871 w/antenna&con.
77011897	JZ873	433MHZ TX-RX JZ873 w/antenna&con.
*77010001	49MHZ RF Wireless Control	49MHZ Rx/Tx Wireless Control Module
580011512	EGBT-45MS	Bluetooth Master/Slave SPP
77003998	Bluetooth Shield Master	Bluetooth Shield Master
77003997	Bluetooth Shield Slave	Bluetooth Shield Slave
580011421	EGBT-046S	Bluetooth Slave Only SPP
580010748	SIM900D	GSM/GPRS Modem Module
580020220	SIM340	GSM/GPRS Modem Module
77002862	GSM/GPRS+GPS Modem kit	GSM/GPRS+GPS Modem ki
*77011912	IR Wireless Presentation	IR Wireless Presentation Controller
*550020220	SIM340	SIM340 GSM/GPRS Modem Board
*77012580	SIM900D GSM Modem	SIM900D GSM modem
77012334	5812A	UHF Data Tranceiver 5812A
77004129	SZ05-STD Zigbee module w/	Zigbee module w/ antena 200M Typ
*77003203	Zigbee Shield	Zigbee Shield
77002577	Zigbee wireless module	Zigbee wireless module JO-0337-1-1

### Sensor Kit

Item Code	PART NUMBER	Description
77012586	Gyroscope Breakout	1 axis Gyroscope Breakout Board
77003986	3 Axis accelerometer	3 axis accelerometer Breakout Board
*77012522	Line Sensor Array	3 Ch Line Sensor Array board
77006695	Line sensor kit	5 Ch Line sensor kit
*77008069	AC Power analyzer	Ac power analyzer & monitoring kit
81102720	Capacitive module	Capacitive module sensor
*77011928	Electronic Compass	Digital Compass 80-111508-1
77011758	TF-MD-M1	Finger print scanner Module

81102721	Resistive Breakout	Humidity Sensor Resistive Breakout
*77007066	proximity	IR collision detector kit
*77011735	Load cell controller	Load cell kit 80-112407-1 w/serial
*77011005	Long range proximity	Long range proximity sensor
*77006696	Magnetic Car Sensor	Magnetic Car Sensor Kit
*77011878	Microwave motion sensor	Microwave motion sensor kit
580010817	GH-718C	Mini PIR Motion Sensor
77011892	Motion sensor/PIR	PIR motion sensor kit
*580011422	RFID Module	RF ID Reader Module
*77011235	RFID Reader	RF Reader ID kit 80-050807-1
*77009096	RGB Color sensor module	RGB color sensor kit
580011604	SN0923M1	Serial Camera up to VGA Res
*77011647	smart card	Smart card reader (PN 80-050807-1)
*77006699	Smoke sensor kit	Smoke detector kit
*77007560	Tru beam sensor	Through Beam Sensor Kit
580011603	US-100	Ultrasonic Ranging Sensor Module
77008412	Ultrasonic sensor	Ultrasonic sensor kit w/ serial

### Input Devices

Item Code	PART NUMBER	Description
*77011885	keypad module	4x4 Keypad module
*77006702	Encoded Keypad	Encoded Keypad w/ securiy output
77006693	Universal keyboard & disp	Universal Keyboard & Dispaly Terminal

### I/O Kits

Item Code	PART NUMBER	Description
*77010973	relay driver	12V Dual relay driver (0219-07)
*77010972	24v relay driver	24v dual relay card(0219-07)
*77010275	29 I/O PC Automation	29 I/O PC Automation kit
*77003204	Input expander module	8 Ch Input expander module
77012369	Output Expander Module	8 Ch Output Expander Module

### Motor Drivers

Item Code	PART NUMBER	Description
*77006701	2 Channel dc motor driver	2 Channel dc motor driver
77008671	6 HBD (6A H Bridge Driver	6 HBD (6A H Bridge Driver)
77007552	Microstep step/PWM Driver	Microstep stepper motor driver
*77010233	Reversible motor single	Reversible motor driver (single)
77002861	Servo Amplifier kit	Servo Amplifier kit
*77010810	Servo driver	Servo driver controller (80-041607-1)

### Miscellaneous Kits

Item Code	PART NUMBER	Description
77008672	SMPS (switch mode P.S)	SMPS (switch mode power supply)

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# **ROBOTIC KITS AND COMPONENTS**

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## Robot Chassis & Parts

Item Code	PART NUMBER	Description
77003989	Robot 4WD Chassis	Robot 4WD Chassis
77003991	Robot 4WD Chassis aluminu	Robot 4WD Chassis Aluminum Body 4WD
77003990	Robot Track Chassis	Robot Track Chassis
*77006848	Mobot wheel pair	Rubber wheel (pair)

## Robot Kit

Item Code	PART NUMBER	Description
800901101	PBOT (MOBOT-1V)	PBOT (MOBOT-1V)

## DC Motors

Item Code	PART NUMBER	Description
*77008311	WHX1A26	1.5VDC micro dc motor
*77012591	MT3-12	12V Gearmotor MT3-12
*77004382	C-234401G tormax geared	24VDC dc Angled geared motor
77007494	41.022.022-00.00-068	24vDC geared motor
77004565	DC gered motor	24vDC motor geared motor
77003913	DC motor	3V DC motor
77006155	DC geared motor	458 24VDC motor w/ gearhead
77008828	Dc geared motor (NEW)	Dc geared motor (NEW) 6v
77008200	GA 680 dc geared motor	DC geared motor (new) (6VDC 80 RPM)
77010164	DC geared motor	Dc geared motor 5-6v 18rpm
77004885	6V DC motor RS-385PH	DC motor 6V
77012515	RF-300CH	Dc motor 6v RF-300CH

## Servo Motors

Item Code	PART NUMBER	Description
77011633	9805BB servo motor	Dc servo motor 20k (new)
77010974	MG995 servo motor	Dc servo motor 10k (new)
77011634	SG5010 servo motor	Dc servo motor 6.5k (new)
77011635	SG90	Dc servo motor 1.98kg/cm(new)

## Servo Accessories

Item Code	PART NUMBER	Description
*77008852	H5MMXHole 3MM support	Rubber Support
*77008853	H7MMx Hole 3MM support	Rubber Support
*77008837	17xH3mm cross type	Servo Arm cross 17xH3mm
*77008839	24XH4MM cross type	Servo Arm Cross 24XH4MM
*77008842	30XH5MM cross type	Servo Arm cross 30XH5MM
*77008843	44XH5MM cross type	Servo Arm cross 30XH5MM
*77008844	56XH7MM cross type	Servo Arm cross 56XH7MM
*77008851	L44XHMM cross type	Servo Arm Cross L44XHMM red
*77008835	D24XH5mm round arm	Servo Arm Disc D24XH5mm
*77008834	D35XH5mm round arm	Servo Arm Disc D35XH5mm Black
*77008833	D45XH6mm round arm	Servo Arm Disc D45XH6mm
*77008841	L31XH4MM Double arm	Servo Arm L31XH4MM

*77008836	L34mmX H4mm double arm	Servo Arm L34mmX H4mm
*77008846	L54XH5MM arm	Servo Arm L54XH5MM
*77008847	L59XH6MM arm	Servo Arm L59XH6MM black
*77008848	L72XH6MM arm	Servo Arm L72XH6MM black
*77008838	L28XH4MM Double arm white	Servo Double Arm 17xH3mm
*77008840	L25XH4MM single arm	Servo Half Arm 25XH4MM
*77008850	L30XH5MM half arm adj.	Servo Half Arm L30XH5MM
*77008849	L40XH6MM shalf arm	Servo Half Arm L40XH6MM black
*77008845	L54XH7MM single arm	Servo Half Arm L54XH7MM

### Motor Brackets

Item Code	PART NUMBER	Description
77012830	BASE	Bracket BASE Aluminum 1.2mm
*77010912	BRACKET4	Bracket Biped FootBrushed Aluminum 1.2mm
*77012832	Blue U	Bracket Blue U
77010843	BRACKET1	Bracket L Bracket Brushed Aluminum 1.2mm
77012837	Long U Blue	Bracket Long U Blue
77010911	BRACKET3	Bracket Long U Brushed Aluminum 1.2mm
77012838	Long U Gray	Bracket Long U gray
77012831	Maroon V	Bracket Maroon V
*77010913	BRACKET5	Bracket Motor Brushed Aluminum 1.2mm
77012836	Short U Blk	Bracket Short U Black
77010910	BRACKET2	Bracket Short U Brushed Aluminum 1.2mm
77012835	Short U Red	Bracket Short U Red
*77012834	WIDE U long	Bracket WIDE U long anodized aluminum
77012833	Wide U short	Bracket Wide U small anodized aluminum
*77012501	I	I Servo bracket w/servo hole
*77012507	L	Long Arm L bracket A
*77012662	bracket	Long Arm L w/ servo mounting holes
*77011862	U	Longshort U servo bracket
*77012661	bracket	Motor Bracket Stand
*77011863	U	Motor bracket w/short U servo bracket
*77012211	SERVO BRACKET	Servo bracket
*77012500	I	Servo Plate A
*77012660	bracket	Short Arm L bracket
*77012663	bracket	Short Arm L w/ servo arm mount holes

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## **IC: ADC and DAC**

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**IC: ADC**

<b>Item Code</b>	<b>PART NUMBER</b>	<b>Description</b>
550011700	AD1170	Hi Res Integrating ADC programmableDIP40
550016740	AD1674	12 bit 100 KSPS A/D Converter dip28
550006780	AD678	12 Bit 200 KSPS Comp.Samp.ADC dip 28
*550006790	AD679	14-Bit 128 Ksps Sampling ADC DIP 28
550077100	AD7710AR	24 bit Signal Conditioning ADC SOIC 24
550077110	AD7711	24 bit Signal Conditioning ADC rtd SO24
550007740	AD774BKN	Complete 12-Bit SAR ADC tri state
550078900	AD7890AR	8-Chan. 12Bit ADC serial out SOIC 24
55007895	AD7895	12 bit Serial ADC 3.8uS soic8
*550008710	AD871	12-Bit 5 MSPS Monolithic A/D Converter
550091000	AD9100	UltrahighSpeedMonolithicTrack&HoldDIP20
550092000	AD9200XRS	10 bit 20MSPS ADC-SO28
550092440	AD9244BSTZ-40	14 bit 40Ms/s sampling ADC QFP 44
550092880	AD9288BST-80	8 bit 80Ms/s dual ADC QFP 44
550009760	AD976	16Bit100 kSPSParallel/OA/DConvtrterDIP28
550098160	AD9816	12 bit 6MSPS ADC PLCC28
550008080	ADC0808CCN	8BitA/D Converter8ChannelMultiplexrDIP28
550008090	ADC0809CCN	8 BIT, 8 channel A/D converter dip28
580022435	ADC0831CCN	8 bit Serial ADC with MPX DIP8
550008381	ADC0838	8-Bit Serial I/OA/D Converter S0IC 20
550008380	ADC0838CCN	8-Bit Serial I/OA/Dconv w/ MULTIPL DIP20
550008480	ADC0848CCN	8-BitMicropro CompatibleA/D ConvertDIP24
550012050	ADC1205CCJ	12BitPlusSignmPCompatibleA/DConvertrs24P
*550078053	ADS7805P	16BitCMOSANALOG-to-DIGITALConverterDIP28
550071090	ICL7109CPL	12Bit ADCr w/3stateBin.outpt DIP40
550080680	ICL8068ACJD	4.5 digit precision adc -DIP14
580001707	MAX121EWE	308ksps ADC with DSP interfce SOIC16
550016741	SP1674BKP	12 bit 100ksps ADC
510070180	SP7018	1MHz Sampling A/D Converter MODULE IC
550071060	TSC7106CPL	3-1/2 Digit Analog to Digital Conv DIP40

**IC: DAC**

<b>Item Code</b>	<b>PART NUMBER</b>	<b>Description</b>
550006670	AD667	Micropro. Comp. 12 bit D/A convertdip28
550006690	AD669	Monolithic 16-Bit DACPORT
*550072240	AD7224KN	8-bit DAC with AMP dip 18
550075280	AD7528JN	CMOSDual 8BitBufferedMultiplyingDACDIP20
*550075330	AD7533JN	10-Bit, Multiplying lout DAC DIP 16
550075420	AD7542JN	0-+7V670mWCMOSUp-compatible1BitDACDip16
550097410	AD9741	12 bit 210msps DAC-PLCC28
550097420	AD9742	12 bit 210msps DAC-PLCC28
550097430	AD9743	12 bit 210msps DAC-PLCC28
550000761	ADC76KG	16-Bit analog-to-digital converter DIP32
550005650	ADS565AKD	H-Speed 12-Bit Mono. D/A conver.dip28
570000428	DAC0800LCN	8 bit DAC 16 pins
550008081	DAC0808LCN	8-Bit D/A Converter DIP16
550000008	DAC08CN	8-Bit h-speed multiply D/A convert DIP16
550007030	DAC703KH	Monolithic 16-Bit Digital to Analogdip28
550084120	DAC8412F	Quad 12 bit DAC PLCC28
550084130	DAC8413F	Quad 12 bit DAC PLCC28
550051000	MAX5100	QUAD 8-BIT Parallel DAC 20-TSSOP
550053820	MAX5382	8- BIT DAC 2-wire Serial SOT23
550072260	PM7226FR	QUAD 8 BIT CMOS D/A CONVERTRS DIP 20
550000760	SHC76KM	SAMPLE/HOLD AMP HERMETIC METAL DIP14



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# **IC: OPERATIONAL AMPLIFIERS AND COMPARATORS**

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**IC: Operational Amplifier**

<b>Item Code</b>	<b>PART NUMBER</b>	<b>Description</b>
550006030	AD603AR	Low Noise VCA -SO8
550080091	AD8009	1 GHz, Low distortion Amp-SOIC8
550080110	AD8011	300MHz Current Feedback Amp soic8
55008012	AD8012	350MHz Dual Current Feedback Amp soic8
550080510	AD8051	Rail to Rail High speed OPAMP soic8
55008100	AD810	Lo Power video OPAMP w/ disable soic8
55008110	AD811	Hi performance video OPAMP soic8
55008120	AD812	Dual current feedback OPAMP soic8
55008220	AD822	rail to rail FET OPAMP soic8
55008230	AD823	Dual 16MHz rail to rail OPAMP soic8
55008250	AD825	Hi speed JFET OPAMP soic8
550008260	AD826AR	Hi speed Low pwr dual OPAMP soic8
55008280	AD828	Dual, Low pwr video OPAMP soic8
550008290	AD829	Hi speed Lo noise video OPAMP soic8
55008300	AD830	Hi speed, video diff AMP soic8
580022487	BA10358	Dual Ground Sense OPAMP SOIC8
560045600	BA4560N	Dual OPAMP 4V/uS Single Supply soic8
550006341	BUF634F	250mA hi speed buffer 5-LEAD DPAK
550006340	BUF634U	250mA hi speed buffer soic8
580000165	CA3130	15MHz BiMOS Operatinal Amp. Mosfet Dip 8
550003241	CA324E	Low Power Quad Op. Amp. DIP14
580011530	EL2270CS	70MHz Current Mode Amplifier soic8
580021412	GL348	QUADRUPLE OP. AMP. DIP14
550026300	HP2630	8 Pin Dip Dual Channel H-Speed Dip8
580021413	JRC074	LOW NOISE QUAD JFET OP-AMPS DIP14
550027220	L2722	Low Drop DUAL Powr Op. Amp Dip8
550002720	L272M	DUAL POWER Op. Amp. DIP8
540065000	LA6500	Power Operational Amplifier SIP-5H
550003470	LF347M	Wide Bandwidth Quad JFET Input SO14
550002470	LF347N	JFET OP AMP DIP14
550003510	LF351N	WIDE B-WIDTH SINGLE J-FET OP AMP DIP8
580011230	LF353	Widefet JFET Input OPAMP soic8
550003530	LF353N	DIP-8 Dual Operational Amp
*550003550	LF355N	WIDE BANDWIDTH SINGLE J-FET OP AMPDIP8
550004110	LF411CN	Low OffsetLowDriftJFETInput OpAmpDIP8
*550004120	LF412CN	LowOffsetLowDriftDualJFETInputOpAmpDIP8
550004440	LF444CN	Quad Low Power JFET Input Op AMPdip14
580011595	LH0033CJ	Fast Buffer 1500V/uS 8pins
*580010460	LM201	Single OPAMP 10V/uS DIP8
550002580	LM258	Low Power Dual Op Amp. Soic8
*550003070	LM307N	Operational Amplifier DIP8
550003240	LM324AM	Low Power Quad Op. Amp.soic14
550002340	LM324N	Low Power Quad Op Amp DIP14
550003480	LM348N	QUADRUPLE OP. AMP. DIP14
550003583	LM358	Low Power Dual Op Amp soic8
550003581	LM358N	LOW POWER DUAL BIPOLAR OP-AMPS DIP8
550039000	LM3900N	Quad Amplifier DIP 14
580010791	LM7301IM5	4MHz Rail to Rail OPAMP SOT-23/5
550008330	LM833	Dual Audio Op Amp. Soic8
580000477	M5218AL	Dual Low Noise OPAMP 0.0015% SIP8
580010257	M5223L	Gen Purpose Single Sup Dual OPAMP SIP8
550040400	MAX4040	sinle Rail-to-Rail IO Op Amps soic8
550040410	MAX4041	sinle Rail-to-Rail IO Op Amps soic8
550040420	MAX4042	single Rail-to-Rail IO Op Amps soic8
550040430	MAX4043	sinle Rail-to-Rail IO Op Amps soic8
550040401	MAX4044	sinle Rail-to-Rail IO Op Amps soic8
550040770	MAX4077	dual rail to rail opamp soic8

550041630	MAX4163	dual Rail-to-Rail IO Op Amps soic8
550042520	MAX4252	dual low noise lo distortion opamp soic8
550042560	MAX4256	In lo distortion opamp soic8
550042570	MAX4257	In lo distortion opamp soic8
550043220	MAX4322	Rail-to-Rail IO Op Amps soic8
550043230	MAX4323	Rail-to-Rail IO Op Amps soic8
550043240	MAX4324	Rail-to-Rail IO Op Amps soic8
550043250	MAX4325	Rail-to-Rail IO Op Amps soic8
550043260	MAX4326	Rail-to-Rail IO Op Amps soic8
550043270	MAX4327	Rail-to-Rail IO Op Amps soic8
550043280	MAX4328	Rail-to-Rail IO Op Amps soic8
550043290	MAX4329	Rail-to-Rail IO Op Amps soic8
550044510	MAX4451	dual 210MHz, Single-Supply Op Ampssoic8
580011593	MC33079	Low Noise 15MHz 7VuS Quad OPAMP soic14
550331790	MC33179P	Hi Current OPAMP DIP14
*550034030	MC3403	Single Supply Quad Op. Amp.
*550341820	MC34182	JFET OPAMP Hi BW-DIP8
550055340	NE5534AN	LOW-NOISE OPERATIONAL AMPLIFIERS DIP8
580011425	NJM2125F	Single supply OPAMP 2.7V-20V P-MTP5
580000458	NJM2904D	single supply dual OPAMP DIP8
550045680	NJM4568	Operational Amplifier SOIC8
580010294	OP213F	Dual Opamp Lo Noise Drift Soic 8
55002790	OP279	rail to rail Hi current OPAMP soic8
*55002820	OP282	Hi speed Low Power Dual OPAMP soic8
550022370	OPA2237UA	rail to rail dual soic8
550026040	OPA2604U	0.0003%THD LowNoise soic8
550026500	OPA2650U	hi speed 360MHz dual soic8
550005410	OPA541AP	High Power Monolithic Op. Amp.
550006781	OPA678AP	Wideband Switched-Input Op. Amp DIP16
550006800	OPA680U	400MHz hi speed soic8
550000610	TL061	LOW-POWER JFET-INPUT Op Amp 5V DIP8
550000621	TL062CP	Dual JFET input LP OpAmp -DIP8
550000640	TL064	LOW POWER J-FET QUAD OP AMP DIP 14
550000641	TL064C	LOW POWER J-FET QUAD OP AMP SO14
550000740	TL074	LOW NOISE QUAD JFET OP-AMPS DIP14
550000820	TL082	Wide Bandwidth Dual JPET Input Op.dip8
550082000	TL082C	Wide Bandwidth Dual JPET Input Op.SOIC8
580022452	TL084CN	JFET INPUT Quad OPAMP DIP14
580010940	TS358CS	Dual Single Supply OPAM 8 pins SOIC
550007410	UA741CN	single OP AMP dip8
*550003580	UPC358C	Low power dual op amp in 8-pin PDIP dip8

## IC: Comparators

Item Code	PART NUMBER	Description
55007900	AD790	Fast precision comparator 45nS soic8
550085640	AD8564	Quad 7nsSingleSupplyComparator SOIC 16
550966870	AD96687	Ultra Fast Ecl Comparator DIP16
551039300	BA10393	Dual Comparator DIP8
*550003930	KA393	Dual Comparator DIP8
550001390	LM139	Quad Comparator DIP14
550002110	LM211P	Comparators DIP-8 Single
550002930	LM293	Low Power/Offset Dual Comparator SOIC8
550003110	LM311N	Single Voltage Comparator DIP8
550003391	LM339N	Quad Single Supply Comparators DIP14
550003932	LM393	Dual in-line Comparator soic8
*550003931	LM393N	LOW POWER DUAL BIPOLAR COMPARATORS DIP8
550003393	LMT339D	Quad Single Supply ComparatorsSOIC 14
580011468	LP339M	Quad Low Power Comparator soic14
550003650	LP365N	Micropower Prog. Quad Comparator dip16

\*550010110  
580000461  
550003390

LT1011  
NJM2903DQ  
UPC339C

Voltage Comparator DIP 8  
Single Supply Dual Comparator DIP8  
Low power quad comparator in 14-pinDIP14

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## **IC: LINEAR, INTERFACE AND MOTOR DRIVERS**

Date Generated: 11/25/2011

**IC: Linear**

Item Code	PART NUMBER	Description
550080230	AD8023AR	Hi Current out triple video amp-SO14
550080720	AD8072	Dual video amplifier -SOIC8
550054130	BA5413	12V 5.4W dual Amp SIP12
550054170	BA5417	5W Dual Audio Amplifier SIP 15
550054171	BA5417	5W Dual Audio Amplifier SIP 15
580010810	IRS2092SPBF	Protected PWM Digital AUdio Amp soic16
550041080	LA4108	5.6W Stereo Power Amp-DIP20
580021370	LA4708N	20W+20W 2Ch Power Amp SIP 18pins
550758860	LC75386Y	Electronic volume and tone controlSO64
580022012	LM1875L	20W Audio Power Amplifier T0220-5
550003860	LM386	Low voltage Audio Amp DIP8
550038600	LM386	Low voltage Audio Amp soic8
580010774	LM389	Low Voltage Audio Amp DIP14
580010150	LM4861M	1.1W Audio Amp with Shutdown soic8
580010847	LM565CN	Phase Lock Loop DIP14
550004520	MAX452	50MHz Video Amplifier and Mux Amps soic8
550004530	MAX453	50MHz Video Amplifier and Mux Amps soic8
550004540	MAX454	50MHz Video Amplifier and Mux Amps soic8
550004550	MAX455	50MHz Video Amplifier and Mux Amps soic8
550070530	TDA7053A	Stereo BTL audio output amp
550072680	TDA7268	2 X 2W STEREO AUDIO AMPLIFIER DIP16
550005920	TL592B	Differential Video AmplifierSO8
550001770	UPC177C	Quad voltage comparator DIP 14

**IC: Interface**

Item Code	PART NUMBER	Description
550062760	A6276ELW	16BITSER.INPUTCnstntCurentLtchLEDvrSO24
550096980	AD9698KN	TTL Comparator DIP16
550002111	ADM211	+5VCMOSRS-232Transceiverw/4drivr SOIC 28
550002220	ADM222AR	+5V0.1?FCMOSRS-232X-ceivrww/2driverSOIC18
55003412	ADP3412	Dual MOSFET Driver bootstrap soic8
55003414	ADP3414	Dual MOSFET Driver bootstrap soic8
550026310	AM26LS31PC	Quad Line Driver w/ NAND 3 state DIP 16
580020120	BU2092	12bit serial in parallel out driverDIP16
580011578	CS83C92C-CP	10-Base-2 Transceiver Dip16
550029100	CY2CC910SI	1:10 Clock Fanout Buffer-SOIC20
580011576	DP8392CN	TX/RX Coax Interface Dip16
580011585	DS14C89AN	Quad RS232 Receiver DIP14
550034870	DS34C87TN	CMOS QuadTRI-STATEdffILineDriver16pin
550036620	DS3662N	BusTransceiver; Optimizer 16pin
550036950	DS3695N	Multipoint RS-485/RS-422 DIP8
550753610	DS75361N	Dual TTL-to-MOS Driver
580010705	FT232RL	USB to UART Bridge SSOP
550751881	GD75188	Quad Line drivers-DIP14
550751890	GD75189A	Quad Line receivers-DIP14
580010726	HIN238CB	4TX 4RX RS232C xceiver soic24
550021230	IR2113	HIGH AND LOW SIDE DRIVER DIP14
550021531	IR2153D	Self osci half bridge driver DIP8
580011469	IR4427S	Dual Low Side Driver soic8
77011004	LTC1155	Dual High Side upower Mosfet Driver dip8
550014820	MAX1482	RS-485 Transceivers soic8
*550014830	MAX1483	RS-485 Transceivers soic8
550014870	MAX1487	RS-485 RS-422 Transceivers soic8
580001704	MAX202CWE	RS232 Transceiver SOIC16

550002112	MAX211ECAI	+5V RS-232 Transceivers SO28
550002310	MAX231CWE	Multichannel RS232 Transceivers SOIC 16
*550002320	MAX232CPE	Multichannel RS232 Tranceiver's dip16
*580001708	MAX232CWE	RS-232 Driver SOIC16
550000466	MAX232EPE	RS232 Transceiver DIP 16 new!
550002530	MAX253	X-formerDrverRS-485 Interface soic8
550032220	MAX3222	3.3V-5V Multichannel RS232 Driver SSOP20
550032321	MAX3232	3.3V-5V RS232 Driver SOIC16
550032370	MAX3237EAI	3-5.5V True RS232Tranceiverssoic 28
550032450	MAX3245	RS232 Transceiver 28-SSOP
580000076	MAX3245	RS232 28-SSOP
550034830	MAX3483	RS-485-RS-422 Transceivers soic8
550034840	MAX3484	RS-485-RS-422 Transceivers soic8
550034850	MAX3485	RS-485-RS-422 Transceivers soic8
550034860	MAX3486	RS-485-RS-422 Transceivers soic8
550034872	MAX3487	RS-485-RS-422 Transceivers soic8
550034880	MAX3488	RS-485-RS-422 Transceivers soic8
550034890	MAX3489	RS-485-RS-422 Transceivers soic8
550034900	MAX3490	RS-485-RS-422 Transceivers soic8
550034910	MAX3491	RS-485-RS-422 Transceivers soic8
*550004810	MAX481	Slewrate Lmtd.RS85/RS422 TranceiversDIP8
*550004811	MAX481	SlewRateLimitedRS485-RS422Trnceiver so8
550004830	MAX483	SlewRateLimitedRS485-RS422Trnceiver so8
*550004850	MAX485	SlewRateLimitedRS485-RS422Trnceiver so8
550004870	MAX487	SlewRateLimitedRS485-RS422Trnceiver so8
550004880	MAX488	SlewRateLimitedRS485-RS422Trnceiver so8
550004890	MAX489	SlewRateLimitedRS485-RS422Trnceiver so8
550004900	MAX490	SlewRateLimitedRS485-RS422Trnceiver so8
550004910	MAX491	RS-485 RS-422 Transceivers soic8
550004911	MAX491	SlewRateLimitedRS485-RS422Trnceiver so8
580010469	MC10EL16	HEL16 5V differential receiver SOIC8
*550014130	MC1413P	PERIPHERAL DRIVER ARRAYS DIP16
550014880	MC1488P	Quadruple Line Driver-DIP14
580011586	MIC4422ZN	Low Side MOSFET Driver Dip8
580011581	MIC4424CN	Dual Lo side MOSFET Driver Dip8
580022424	MIC4427CN	Dual lo side Mosfet Driver DIP8
550058011	MIC5801BN	4/8-BitParallel-inputLatchedDriversDIP22
580011471	NCP5359A	Hi/Lo side MOSFET Gate Driver soic8
550033840	QS3384SO	H-SpeedCMOS 10-Bit Bus SwitchSOIC 24
550461010	RE46C101	Piezoelectric Horn Driver/LEDCircuitDIP8
550751761	SN75176BP	DIFFERENTIAL BUS TRANSCEIVERS DIP8
550751830	SN75183N	DUAL DIFFERENTIAL LINE DRIVERS DIP14
550751880	SN75188N	QUADRUPLE LINE DRIVERS DIP14
550051890	SN75189AN	Quadruple Line Receievers dip14
580020122	SN75C1167	Dual Diff RS422 transceiver soic16
580010657	SP232ACN	RS232 Driver soic16
550032221	SP3222	3.3V-5V Multichannel RS232 Driver SSOP20
550034871	ST34C87CP	QuadRS422CMOSDifferentialLineDriverDIP16
580011583	TC4427CPA	1.5A Dual Hi speed Mosfet Driver Dip8
550620030	TD62003AP	7CH darlington sink driver DIP 16
550623070	TD62307F	7 channel low sat sink driver soic16
550032320	TOIM3232	rs232 to IRDA converter SO16
550042320	TOIM4232	SIR Endec IRDA Aplic.Integ.InterfaceSO16
550028120	TPS2812	DUAL HIGH-SPEED MOSFET DRIVERS DIP8
550058010	UCN5801A	BiMOS II Latched Drivers
550058210	UCN5821A	8-Bit serial-input, latched driver DIP16
550020030	ULN2003A	H-VoltgeH-CurrentDarlingtonArraysDIP16
550020032	ULN2003A	DARLINGTON TRANSISTOR ARRAYS SOIC 16
550020640	ULN2064B	50V - 1.5A QUAD DARLINGTON SWITCHESDIP16
550028030	ULN2803	H-voltage,H-curent DrlingtnArraysdip18
*550028031	ULN2803LN	OCTAL PERIPHERAL DRIVER ARRAYS SOIC 18
*550020031	UPA2003C	NPNSilcnEpitaxialDringtonx-torArrayDIP16

550000530

UPA53C

5-darlington drivers DIP14

**IC: Motor Drivers**

<b>Item Code</b>	<b>PART NUMBER</b>	<b>Description</b>
580011234	A3946T	DC Brushless Motor Controller soic16
580011235	A3980KLPT	Microstepping Driver 1A soic24
580011229	A3984SLPT	Microstepping Driver & Translator soic24
580000031	BA5901K	4 Channel Drive PLCC44
*550061910	BA6191	2 ch Reversible Motor Driver SIP 12
550000110	BA6209	Reversible Motor Driver 1.6A SIP 10
*550062190	BA6219B	Reversible Motor Driver
550062380	BA6238A	2 ch Reversible Motor Driver-sip10
550062460	BA6246	Reversible Motor Drive SIP10
*550062470	BA6247	Reversible motor driver
550062480	BA6248	3-INP BI-DIR MOTOR DRIVER SIP10
*550062860	BA6286	Reversible Motor Driver 18V 1A SIP10
550643580	BA6435S	3 phase Motor Driver DIP28
550068700	BA6870S	3 phase Motor Driver DIP28
550068870	BA6887	SIP 10 Single IC
*550069550	BA6955N	Reversible motor driver SIP8
580021391	HIP2100iBZ	Half Bridge Driver 100V 2A DIP8
580010377	L293D	Quad Half-H Driver dip16 CA
550002970	L297	STEPPER MOTOR CONTROLLERS dip20
580010371	L298	Dual full bridge driver dip15
580010835	L298HN	Full H Bridge Driver soic Multiwatt15
550062191	L6219WB	Stepper Motor Driver DIP24
550018270	LB11827	3ph brushless motor driver SDIP28
580000455	LB11847	1.5A PWM stepping motor driver DIP28
550019470	LB11947	DIP28
550016900	LB1690	3 phase motor driver DIP20
550018240	LB1824	Brushless motor driver DIP28
550018450	LB1845	PWM Stepper Motor Driver DIP28
550018470	LB1847	PWM Stepper Motor Driver DIP28
550018700	LB1870	Brushless AC Motor Driver DIP28
550018720	LB1872	Polygon Mirror Scanner DIP28
550019200	LB1920	3-ph brushless motor driver DIP28
550019240	LB1924	Brushless Motor Driver DIP28
550019450	LB1945	PWM Stepper Motor Driver DIP28
550019460	LB1946	PWM Stepper Motor Driver Serial IN DIP28
550019760	LB1976	Brushless Fan motor Driver DIP28
550034790	MC3479P	Stepper Motor Driver dip 16
550037180	TEA3718S	Stepper Motor Driver soic20

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## **IC: GLUE LOGIC**

Date Generated: 11/25/2011

**IC: Glue Logic**

<b>Item Code</b>	<b>PART NUMBER</b>	<b>Description</b>
550742454	74ACT245	OCTAL BUS TRANSCEIVER 3-STATE SOIC 20
550742732	74ACT273	OCTAL D-TYPE FLIP FLOP WITH CLEARSOIC 20
550742990	74ACT299	8BITPIPOSHIFTREGSTR ASYNCHRONOUS SOIC20
550741321	74AHC1G32	Single dual input OR Gate SOT23-5
550741640	74ALS164N	Sin Par out Shift Register DIP14
550002452	74ALS245	Octal 3-StateNoninvertingBusTrancvr SOI20
550000381	74ALS38B	Quad 2 input NAND buffer OC SO14
550742441	74AS244	Octal 3-State Bus SOIC 20
550742453	74AS245	OCTAL BUS TRANSCEIVER 3 STATE OUT DIP 20
557433125	74CB3Q3125	Low Volt 3 bit Bus Switch TSSOP14
557433840	74CBTLV3384	Low Volt 10 bit bus switch SOIC24
557438610	74CBTLV3861PWR	Low Volt 10 bit bus switch TSSOP24
550000000	74F00	QUAD 2-INPUT NAND GATE SO14
550074060	74F06	Inverter/Buffer Drivers SOIC14
550741252	74F125	Quad buffers 3-State DIP 14
*550742690	74F269N	8-bit bidirectional binary counter DIP28
550000320	74F32	Quad 2 input OR gate -SO14
550743580	74F358N	1 of 8 Decoder 3 state DIP20
550745210	74F521N	8-bit identity comparator DIP 20
*550745450	74F545N	OctalBidirectionalx-ceiverw/3stateI/O DIP20
550745730	74F573N	OctalD-TypeFlip-Flopw/3stateoutputDIP20
*550748430	74F843	9-Bit Transparent Latch DIP24
550742458	74FCT245P	Octal 3-STATE TransceiverDIP20
580022447	74HC00	Quand NAND Gate DIP14
550074001	74HC00D	Quad 2-Input NAND Gate SOIC14
580000438	74HC04	Hex Inverter soic14
550074081	74HC08D	Quad 2-input AND gateSOIC 14
580011231	74HC10M	Triple 3 input NAND gate soic14
550741231	74HC123D	DualRtrigrbleMonstbleMultvibrtrw/rstSO16
550741253	74HC125A	Quad buffer/line driver; 3-state SOIC 14
550741251	74HC125D	Quad buffer/line driver; 3-stateSOIC 14
550741320	74HC132AP	Quad 2-input NAND Schmitt trigger DIP14
580011588	74HC138N	3 to 8 line Decoder Dip16
550741391	74HC139A	Dual 2-4line dcoder/demultiplexr SOIC 16
550000140	74HC14A	Hex Schmitt-Trigger Inverter-SO14
*550074142	74HC14D	Hex inverting Schmitt triggerSO14
580010959	74HC166	8 bit Par in Serial Out soic16
*550742371	74HC237	3to8 line decoder/demultiplexer DIP16
580010146	74HC244	Octal 3 state Buffer soic20
550002450	74HC245	Octal 3-StateNoninvertingBusTrancvrSOIC20
*550742452	74HC245D	OctalBusx-ceiver;3 state SOIC20
550742590	74HC259	8-bit addressable latch DIP16
550074321	74HC32D	Quad 2-input OR GATE SOIC14
550074082	74HC393D	Dual 4-bit Binary Ripple Counter SOIC 14
*557440400	74HC4040	12-stage binary ripple countersDIP16
580010148	74HC4051	Analog Multiplexers/Demultiplexerssoic16
580010152	74HC4053A	Triple 2 Channel Analog MUX soic16
550740660	74HC4066D	Quad Bilateral Switches SOIC 14
550005412	74HC541	Octal buffer/driver 3 state -SOIC20
550743731	74HC573D	Octal D-type transparent 3-state SOIC20
550745742	74HC574D	Octal D-type Flip-flop;3 state SOIC20
550746460	74HC646D	OctalBusx-ceiver/register;3stateSOIC24
550074742	74HC74D	Dual D-type flip-flop w/set&reset SOIC14
*550741254	74HCT125D	Quad Buffer Line Driver 3 state SO14
550000447	74HCT138D	3 to 8 line decoder/demux SO16
550074144	74HCT14D	Hex Inverter Schmitt-Trigger SO14
550741540	74HCT154D	4-to-16lineDcodr/demultiplexrSOIC 24

550000442	74HCT173D	Quad F/F positive edge trigger SO16
550741930	74HCT193	4-bitbinaryup/downcountrDIP 16
*550742455	74HCT245	Octal Bus Transceiver 3 StateSO20
550742575	74HCT257	Quad 2 input multiplexer 3-state SO18
550742572	74HCT257N	Quad 2-input multiplexer 3-state DIP 16
550002730	74HCT273	Octal D Flip-Flop w/ Common Clock SO20
550742733	74HCT273	Octal D-type flip-flop with reset SO20
580010149	74HCT4053D	Triple 2 Channel Analog MUX soic16
550745411	74HCT541	Octal buffer/lineDriver 3stateSOIC 20
550745410	74HCT541N	Octal buffer/line driver; 3-state DIP 20
550745731	74HCT573D	OctalDtype trnsparent Latch 3state SO20
550745743	74HCT574D	Octal D-type flip-flop; 3 stateSOIC 20
580001705	74HCT595D	8 bit serial in parallel out SOIC16
550746880	74HCT688A	8-bit magnitude comparator SOIC 20
550074322	74LCX32	LV Quad OR gate TSSOP14
580011118	74LCX543	Octal Registered Xceiver soic24
550745430	74LCX543MTC	LV Octal Registrd Xceiver 5V Tol TSSOP24
550074023	74LS02N	Quad 2-Input NOR Gates DIP14
550074041	74LS04	Hex Inverter SO14
550074062	74LS06	HEX INVRTR BUFF. SOIC 14
550074070	74LS07	HEX BUFFERS/DRIVERS SOIC 14
550074090	74LS09N	Quad2-input AND Gate Open collectorDIP14
580010710	74LS11	Triple 3in AND Gate DIP14
77010535	74LS125	Quad buffers 3-State DIP 14
580001013	74LS126	Quad 3 state Buffer DIP14
550741322	74LS132	Quad 2 in Schmitt NAND DIP14
580010707	74LS133N	13 in NAND Gate DIP16
550074143	74LS14	Hex inverting Schmitt triggerSO14
580021003	74LS147	10 to 4 priority encoder DIP16
580000164	74LS151	8-Input Digital Multiplexer dip16
580000166	74LS155	Dual 1-OF-4 Decoder/ Demultiplexer Dip16
580010809	74LS173	4-bit D Registers DIP16
580010807	74LS190	Synchronous U/D Counter DIP16
580010808	74LS191	U/D Binary Counter DIP16
550074194	74LS194	FlipFlops,Bi-dir univshift reg.dip16
550074240	74LS24	Quad 2-Input NAND Schmitt TriggeredDIP14
580010711	74LS266N	Quad 2in XOR Gate DIP14
550742731	74LS273N	OCTAL D FLIP FLOP dip 20
580010706	74LS30N	8 in NAND Gate DIP 14
580001012	74LS352B1	Dual 4 line to 1 line Multiplexer DIP16
550743770	74LS377	OCTAL D FLIP FLOP w/ Enable DIP20
550074381	74LS38	QUAD 2-INPUT NAND BUFFER SO14
550745951	74LS595AN	Serial-in parallel out; 3 state DIP 16
550006410	74LS641	Octal bus Transceiver 3 state -SO20
580011709	74LS75	4BIT BISTABLE LATCHES Dip16
550074051	74LV05	Hex inverter Open Drain SOIC14
550001250	74LV125A	Quad Buffer 3 state -SOIC14
580010333	74LV1G04GW	Tiny Logic Inverter TSOP-6
550742442	74LV244A	3.3V Buffer/Driver SOIC20
550074003	74LVC00	3.3V Quad 2-Input NAND Gate SOIC14
550074044	74LVC04	3.3V Hex Inverter soic14
550074086	74LVC08	3.3V Quad 2-input AND Gate SOIC14
556162244	74LVC162244A	3.3V 16 bit Buffer/Driver SSOP48
557411250	74LVC1G125	Single Buffer SOT-5
550741340	74LVC1G34	3.3V Single Buffer SC70-5
550741451	74LVC1T45	Single Xceiver Dual Supply SOT6
550742459	74LVC245	octal bus tranceiver soic20
550743732	74LVC373	OctalTransptLatch 3State OutputsSOIC20
550743743	74LVC374	3.3V Octal TransparentLatch-soic20
550074045	74LVC3G04	3.3V Inverter soic8
550748270	74LVC827	3.3V 10bit bus briver SSOP24
550741255	74LVT125	3.3V Bus Buffer, SOIC14

550074745	74LVT74	Dual D F/F soic14
557432450	74LVX3245M	Octal Dual supply Xceiver SOIC24
550741381	74S138	1 of 8 Decoder/Demultiplexer DIP16
550742600	74S260N	DUAL 5-INPUT POSITIVE-NOR GATES DIP14
550745950	74VHC595	8Bit Shift reg. w/ output latches soic16
550298270	AM29C827APC	Non-Inverting-Function Buffer Gate DIP24
550298410	AM29C841APC	10-Bit D-Type Latch 5V 3 STATE DIP24
550298530	AM29C853APC	Bus Transceiver - Latch option DIP24
550298630	AM29C863APC	Bus Transceiver 5V DIP24
550040010	CD4001BCN	Quad2-Input NOR Buff B Series Gate DIP14
550401062	CD40106	CMOS HEX SCHMITT TRIGGERSSO14
580009798	CD4017BE	Decade Counter Dip16
550040500	CD4050B	CMOS HexNon-Inverting Buffer/Converter16
550040510	CD4051	Signal Switches 8-Channel Analog dip16
*550045110	CD4511	BCD-7Segment Latch/Decode/Drive DIP16
550742457	CY74FCT245	Octal 3-STATE TransceiverDIP20
550074002	DM7400N	Quad 2-Input NAND Gate DIP 14
550074061	DM7406M	HexInvrtngBuffrHvltgeOpencolctorSOIC14
550074900	DM7490AN	4-bit async decade counter DIP14
550000744	DM74ALS245	SO20
*550000100	DM74ALS32N	Quad OR gate DIP14
550000101	DM74ALS534N	Octal D F/F Edge Triggered DIP20
550000107	DM74ALS574AN	Octal D F/F tri state DIP 20
550074063	DM74LS06N	HEX INVRTR BUFF-DIP14
580000204	DM74LS08M	Quad 2 input AND SOIC14
550074201	DM74LS20N	DUAL 4 INPUT NAND DIP14
*550742730	DM74LS273N	8-Bit Register with Clear
580001014	DM74LS83AN	4 bit Binary Full Adder DIP16
550745711	DM74S571J	Programmable ROM DIP16
550083040	DP8304	OCTAL BUS TRACEIVER DIP 20
550010100	GD74LS14	Hex Schmitt Trigger DIP14
550741610	GD74LS161AN	SYNCHRONOUS 4BITDECADE/Bin.countersDIP16
550741750	GD74LS175N	QUAD D FLIP-FLOP FAST SCHOTTKY TTL DIP16
580020118	GD74LS192	Presetable decade UP/DN counter DIP16
550074320	GD74LS32	Quad 2-In OR Gate DIP 14
580022476	HCF40106	Hex Schmitt Trigger SOIC14
580000163	HCF4066BE	Quad Bilateral Switch Transmission dip16
580010373	HCF4094	8 bit shift register DIP16
580011630	HCF4556BE	DUAL 4 bit BINARY DEC/DEMUX DIP16
580021410	HD74LS02P	Quad 2 input nor gate
550074050	HD74LS05N	TI Hex Inverter w/ open collector dip14
550074101	HD74LS10N	TRIPLE 3-INPUT NAND GATE DIP14
550741740	HD74LS174	Hex/Quadruple D-type Flip-Flips DIP16
580010713	HD74LS21P	Dual 4in AND Gate DIP14
580010714	HD74LS48P	BCD to 7seg DECODER DIP16
580010712	HD74LS73AP	Dual JK NegEdge F/F DIP14
550074760	HD74LS76AP	Dual JK F/F with Clear DIP16
580011100	HD74LV1GT08AVSE	Single 2 Input AND gate TNP5DV (T2)
550040011	HEF4001BD	Quadruple 2-input NOR gate DIP14
550401061	HEF40106BD	Hex inverting Schmitt trigger DIP14
*550040110	HEF4011BD	Quadruple 2-input NAND gate DIP14
580022455	HEF4013BP	Dual D Type F/F DIP14
550401750	HEF40175BD	5-stage Johnson counter DIP16
550040230	HEF4023BP	Triple 3-input NAND gate 5V DIP14
550040280	HEF4028BD	1-of-10 decoder DIP16
550040370	HEF40374BD	OctalDtypeflipflop w/ 3state outputDIP20
550040680	HEF4068BD	8-INPUT NAND GATE DIP 14
580011284	HEF4070BT	Quad Exclusive OR soic14
550040180	HEF4081BP	Quad 2 input AND gate DIP14
580022445	HEF4093BP	Quadrupl 2-Input NAND Schmitt Trigger
580010374	HEF4094	8 bit shift register soic16
550045020	HEF4502BD	Strobed hex inverter, buffer DIP 16

550045280	HEF4528P	Dual Monostable MMV DIP16
550047240	HEF4724BD	8-bit addressable latch DIP16
580000205	LVC245A	Octal Bus Transceiver Tri State SOIC20
580010709	M74LS243P	Quad BUS xceiver DIP 14
580011364	MC14021BCL	8stage Shift Register dip16
550140500	MC14050BCP	Hex buffer in DIP 16
550000479	MC14052BCP	Analog MUX/DEMUX DIP16
550140810	MC14081BCP	stndrdQuad2Input/GatelCfrmd400serieDIP14
*550140930	MC14093BCP	Quad 2-Input NAND Schmitt Trigger DIP14
550141060	MC14106B	Hex Schmitt Trigger SO14
550145040	MC14504	Hex level shifter for TTL to CMOS DIP16
550145380	MC14538	Dual Precision Retiggerable MMV DIP16
550145840	MC14584BCP	hex schmitt trigger dip14
550741630	MC74F163AN	Sync 4-bit binary counter -DIP16
550074200	MC74F20N	DUAL4INPUTNANDGATEFASTSCHOTTKY TTL DIP14
550742991	MC74F299N	8BITPIPOSHIFTREGSTR ASYNCHRONOUS-DIP20
550745690	MC74F569N	4BIT BIDIRECTIONAL Counters w/stateDIP20
*550742370	MC74HC237N	1 of 8Decoder/Demultiplexrw/Add.latch16p
550742400	MC74HC240AN	Octal Inverting Buffer DIP 20
*557440510	MC74HC4051	Analog Multiplexers/DemultiplexersDIP16
550074741	MC74HC74AN	Dual D Flip-Flop with Set / Reset DIP14
*550745740	MC74HCT574	Octal 3StateNoninvertingD Flip-FlopDIP20
580010354	MC74VHC1GT04DETL	Inverter level shifter STSOP-5
*550074042	MM74C04N	Hex Inverter DIP14
550742451	MM74HC245AN	Octal 3-STATE Transceiver in DIP20
550000741	MM74HC4066M	Quad bilateral switch -SOIC14
550074080	MM74HCT08N	Quad two-input AND gate DIP16
550000742	MM74HCT245	Octal 3-STATE Transceiver SOIC20
*550742456	MM74HCT245MM	Octal 3-STATE Transceiver SOIC20
550040150	MSM4015RS	4 bit Shift Register-DIP16
580010353	NC7S08M5X	2 input AND Gate TSOP-8
580011701	NJU3716L	16 Bits Serial to Parallel SDIP-24
550741741	PC74HCT174P	Hex D F/F with reset DIP16
550085500	PCA8550D	5 bit Register SOIC16
550054010	SN5401J	Quad NAND gate DIP14
550054740	SN5474J	Dual Flip/Flop DIP14
550074071	SN7407N	HEX BUFFERS/DRIVERS DIP 14
550741210	SN74121N	One shot MMV w/ clear DIP14
550074130	SN7413N	Dual 4 input NAND DIP14
550074203	SN7420J	DUAL 4 INPUT NAND DIP14
580001740	SN74AHCT1G32DCKR	2 input OR Gate tsop-5
550743741	SN74ALS374BNT	Octal TransparentLatch-DIP20
550745760	SN74ALS576N	Octal D FlipFlop DIP20
580001101	SN74ALS869NT	Synchronous 8 bit U/D Counter dip24
550741611	SN74AS161N	SYNCHRONOUS 4BITDECADE/Bin.countersDIP16
550741232	SN74HC123AP	DualRtrigrbleMonstbleMultvibrtr-DIP14
550745741	SN74HC574	OCTAL EDGETRIGGERED 3 STATE OUTPUTDIP20
580000083	SN74HC74DR	Dual D-type flip-flop w/set&reset SOIC14
550074000	SN74LS00N	QUAD 2-INPUT NAND GATE DIP14
550074020	SN74LS02	QUAD 2-INPUT NOR GATE DIP14
550074030	SN74LS03N	Quad 2-input NAND Gate DIP14
550000467	SN74LS04N	Hex Inverter DIP14
550074083	SN74LS08N	Quad 2-input AND Gate DIP14
550741230	SN74LS123N	RETRIGGERABLE MONOSTABLE MULTIVIB.dip16
580011577	SN74LS126AN	Quad 3 state Buffers Dip14
550074323	SN74LS132N	Quad 2-input OR GATE DIP14
550741380	SN74LS138N	1-of-8 Decoder/ Demultiplexer DIP16
550741390	SN74LS139N	Dual 1-of-4 decoder/demultiplexer DIP16
550741450	SN74LS145	1 of 10 decoder OC DIP16
550741480	SN74LS148N	10-TO-4LINE/8-TO-3LINE PRIO.ENCODEDIP16
550074141	SN74LS14N	HEX SCHMITT-TRIGGER INVERTERS DIP14
550741530	SN74LS153N	Dual 4 to 1 Selector/Multiplexer DIP16

580021002	SN74LS154	4-to-16lineDcodr/demultiplexrDIP 24
550741570	SN74LS157N	QUADRUPLE2LINETO 1LINESelectorsMuxDIP16B
550741612	SN74LS161AN	BCD/BIN Decade Counter 4 bit -DIP16
550074164	SN74LS164	Digital ICs DIP14 SHFT REG W/CLR
550741650	SN74LS165N	8bitSerialShiftRegistr,ParalelLoad
550741660	SN74LS166	8-Bit Shift Registers 5V DIP16
550742210	SN74LS221N	Dual MonoMultivibrtrorSchmitTrigerDIP16
77003765	SN74LS240N	Octal Buffer & Line Drivers dip20
550742440	SN74LS244N	OCTAL BUF/LINE DRIVER w/ 3-STATE DIP20
550742450	SN74LS245N	Octal 3-STATE Transceiver dip20
550742570	SN74LS257	Quad 2-input Multiplexer dip16
550742591	SN74LS259N	8-Bit Addressable Latch DIP16
580010715	SN74LS27N	Triple 3in NOR Gate DIP14
550743670	SN74LS367AN	Hex 3 state buffer DIP14
550743680	SN74LS368	Hex bus driver 3 state DIP16
550743730	SN74LS373	OctalTransptLatch 3State OutputsDIP20
550743740	SN74LS374N	Octal TransparentLatch dip20
550743930	SN74LS393N	DUAL DECADE COUNTER; DIP 14
550000484	SN74LS47N	BCD to 7seg Dec Driver DIP14
550074510	SN74LS51N	Dual2Wide2InputAND/OR Inv.GateDIP14
550745400	SN74LS540	Octal Inverter Buffer 3 state - DIP20
580021411	SN74LS590N	8bit Binary counter w. Out Reg DIP16
*550745930	SN74LS593N	8Bit BinCount.Inp.Reg.3state outp.DIP20
550746400	SN74LS640N	Octal bus transceiver in 20-pin DIP20
550746411	SN74LS641N	Octal Bus Transceiver DIP 20
550746450	SN74LS645N	OCTAL BUS TRANSCEIVERS DIP20
550746520	SN74LS652NT	OCTAL BUS TRANSCEIVERS/REGISTERS DIP24
550074740	SN74LS74AN	DUAL D-TYPE POS-EDGE-TRIG DIP14
580010708	SN74LS85N	4 bit Mag Comparator DIP16
550074860	SN74LS86AN	Quad 2 input exclusive OR dip14
550074930	SN74LS93N	4-Bit Binary Counters DIP 14
550741250	SN74LVC125A	Quadruple Bus Buffer Gate soic14
*550074102	SN74S10N	TRIPLE 3-INPUT NAND GATE-DIP14
550741891	SN74S189N	16 x 4 RAM 3 state-DIP16
550742573	SN74S257N	DATA Selectors/Multiplexers dip 16
550074380	SN74S38N	Quadruple 2-input pos.nand buffer dip14
557415810	T74LS158B1	Quad 2/1 MUX inverter -DIP16
550743742	T74LS374BI	Octal TransparentLatch-DIP20
550744650	T74LS465B1	NonInvertingFunction Buffer Gate5VDIP20
557464510	T74LS645B1	Octal Bus-Line Transceiver 5V-DIP20
*580021403	TC4017BP	Decade Counter dip16
550040490	TC4049BP	Hex Buffer -DIP16
550040521	TC4052BP	Dual 4 Ch analog MUX DIP16
*550040530	TC4053	8 Channel MUX -DIP16
550074024	TC74HC02P	C-MOS QUAD 2-INPUT NOR GATES DIP 14
580010349	TC7S32F	2 input OR Gate TSOP-5
580010343	TC7SH08F	2 input AND Gate TSOP-5
580011098	TC7SZ04FU	Single Inverter 2.4ns SSOP-5
580010245	TC7W04F	3- High Speed Inverters SOIC8

e-Gizmo Mechatronix Central Electronics Components Product Catalog

## **IC: MICRONROLLER/MICROPROCESSORS**

Date Generated: 11/25/2011

**IC: Microcontrollers/Microprocessors**

<b>Item Code</b>	<b>PART NUMBER</b>	<b>Description</b>
552181160	ADSP-2181KS160	DSP Microcomputers SOIC 128
550892051	AT89C2051	8 bit 2K Flash Microcontroller DIP 20
580010812	AT89C4051	4K Flash 128SRAM 24MHz DIP20
550089510	AT89C51	8-Bit Microcon.w/ 4k bytes flash DIP 40
580010645	AT89S52	8bit MCU 8KFlash ISP dip40
558982520	AT89S8252	8bit MCU w/ 8k bytes flashPLCC44
*580021018	Atmega168	AVR MCU 16K 20MHz w/ ADCDIP28
580010786	Atmega168 QFP 32pins	Atmega168 QFP 32pins
*580010496	ATMEGA32L	8bit MCU 32KFLASH 2KRAM DIP40
550087510	C8751H	8-Bit Microcontroller/Microcomptr. Dip40
558031400	CS80C31BCGN40	>DIP40
558214324	CY8C21432-24LKX1	PSOC 8K Flash 512Bytes RAM 24MHz QFN32
558262332	CY8C2623324SI	PSoC and microcontroller-soic20
580010367	D70108C	V20 8 bit Microprocessor dip40
550007801	D780C	MicroprocessorNMOS tech.8 bitDIP40
580010327	GIZDUINO 328P-AU	Atmega328 MCU AVR 32K FLASH 32TQFP
580001695	HD63C03YP	8 bit MPU with 256bytes on chip RAMDIP64
*550080880	i8088	16-BIT Microprocessor DIP40
550000800	LH0080A	z80 8 Bit Processor dip40
550580850	M5M80C85AP	8-bit CPU DIP40
550080850	M80C85A	3 MHz/64KB Microcon.8085 fam.dip40
550080860	M80C86	16-BIT CHMOS MICROPROCESSOR DIP40
*550080881	MBL8088-2	8 bit Microprocessor Unit-DIP40
556800012	MC68000P12	16bit CPU 12MHz
550680080	MC68008	16-Bit Micropro w/ 8-Bit Data Bus DIP48
550068090	MC68B09CP	8 Bit Microprocessing Unit
556836025	MC68EN360FE25C	COMMUNICATIONS CONTROLLER,QFP SOIC 240
556800010	MC68HC000FN10	16-Bit MPU-PLCC68
550681113	MC68HC11K1CFN3	8-Bit Microcontroller
550681114	MC68HC11K1CFN4	8-Bit Microcontroller PLCC84
540001670	MC68HC705P9	OTP 2KB 128Bytes SIOP ADC DIP28
550038800	MK3880N	Z80 CPU Mostek DIP 40
550801960	N80C196KB	ROMLESS MCU PLCC 64
550080520	P80C52	*DIP40
550805520	PCB80C552-5	Singlechp 8bitMicrocon.w/10Bit A/D PLC64
580010834	PIC12F675	1.75K Flash, Timers,ADC, EEPROM DIP8
550167450	PIC16C745	8-Bit CMOS Microcon. With USB DIP 24
*580010659	PIC16F628A	3.5k Flash 224RAM 16 I/O MCU DIP18
580010655	PIC16F72	2kx14 Flash uC with ADC SOIC 28
550016720	PIC16F72-1	2Kx14 MCU w/ Timer,ADC,SPI Soic28
580010884	PIC16F73 class B	4KFlash ADC 192B RAM DIP28 class B
77006064	PIC16F84A-04/P	IC PIC16F84A-041/P
77006065	PIC16F877A	Flash 14KB ADC,ICD,EEPROM DIP40
580010530	PIC16F88	MCU 7K Flash EEPROM,ADC DIP18
580022009	PIC18F2550	32K MCU ADC,USB,Timer,USART SOIC28
580011464	PIC18F25J10-I	32KB FL 1024 RAM Microchip (MCU)
580011528	Pic18f452-I/PT	Flash32K 1.5kram ADC UARTEEPROM TQFP-44
580010532	PIC18F4550	Flash32K 2KRAM EEPROM USB DIP40
580011638	PIC24FJ64GA002-I	16BIT MCU, 64K FLASH 8K RAM, 28SSOP
550000490	PXAG49KBA	16 bit uC 64K Flash 2K SRAM PLCC44
550080882	SAB8088-1	8 bit Microprocessor-DIP40
550621060	ST62T10C6	8 bit MCU adc timer OTP-DIP20
580011636	ST72F324J6T5	32KF 1024RAM RTC TQFP44
580011119	ST72F63BK4	ST7 uC 16K Flash USB ADC32pins
580010844	ST7FDALIF2M6	ST7 MCU 8KFlash,ADC,Timer,SPI SO20
580011417	STC10F04	4KFlash 256SRAM 40I/O 8051 1T LQFP-44
580011418	STC12C5204AD	4kFlask 1kEE ADC 8051 1T LQFP-32

580010846	STCLE58RD+401	32K Flash UART,Timer MCS51 LQFP44
550320100	TMS320C10NL	4K,5V/3.3VDigital Signal Processor DIP40
556800080	TS68000CP8	Microprocessor DIP 64
558018613	TS80C186EB13	CHMOS 16-Bit Microprocessor -SOIC 80
550701080	uPD70108C	16/8bit V20 Microprocessor-DIP40
580010328	VNC2-48L1B	USB HOST DEVICE CONTROL 48-LQFP
558018007	Z8018006PEC	Enhanced Z80 CPU 6 MHzDIP64
558018006	Z8018006VSC	Enhanced Z80 CPU 6 MHz in 68-pin PLCC
558018008	Z8018008VSC	Enhanced Z80 CPU 8MHz 5V 68PLCC
558018011	Z8018010VEC	Enhanced Z80 CPU 10MHz 5V 68 PLCC
558018010	Z8018010VSC	MICROPROCESSOR, 8-BIT,CMOS 68PLCC
558400040	Z84C0004PEC	z80 CPU 4MHz DIP40
558400060	Z84C0006PEC	CMOS Z80 6 MHz CPU DIP40
558400080	Z84C0008PEC	z80 CPU 8MHz DIP40
558400081	Z84C0008PEC	CMOS Z80 8 MHz CPU DIP40
558400101	Z84C0010PEG	CMOS Z80 10 MHz DIP40
558400100	Z84C0010VEC	CMOS Z80 10 MHz PLCC44 5V
550840020	Z84C0020PEC	CMOS Z80 20 MHzDIP40
550000477	Z8523010PEC	Serial Communication Controller DIP40
558673312	Z8673312PSC	z8Microcontroller w/ 8K OTP/ROM 5V dip28
558674312	Z8674312PSC	z8Microcontroller w/ 8K OTP/ROM 5V DIP40
580000368	Z8674312VSG	z8Microcontroller w/ 8K OTP/ROM 5VPLCC44
558602082	Z86C0208SEC	Low-cost z8microcontroller soic18
570000457	Z86C9320PSG	z8 ROMLES 236 SRAM 24I/O DIP40
558696200	Z86C9620VSC	Microcon.RAM 256 bytes 5V 68PLCC
558602080	Z86E0208PSC	512-byte OTP microcontroller 5.5 V DIP18
*558602081	Z86E0208SEC	Microcon.512bytesROM 61bytes RAMsoic18
558604120	Z86E0412PSC	Z8 1K OTP DIP18 4.5-5.5V DIP18
558608120	Z86E0812PSC	Z8 2K OTP DIP 18 4.5-5.5V DIP18
*558608121	Z86E0812SSC	Z8 2K OTP 18SOIC 4.5-5.5V soic 18
*558621120	Z86E2112PSC	8K 256SRAM OTP uC with UART DIP40
558621160	Z86E2116PSC	z8 uC 8K OTP Full-DuplexUARTdip40 5V
558630160	Z86E3016PSC	z8 uC 4K OTP DIP28
550863016	Z86E3016PSG	z8 uC 4K OTP DIP28
580000367	Z86E3016VEG	z8 uC 4K OTP PLCC28
558631160	Z86E3116PSC	z8 uC 2K OTP 5.5V DIP28
570000264	Z86E3116PSC2	OTP 2K,126B SRAM, 24I/O DIP28
570000327	Z86E3312PSC	z8 uC w/ 4K OTP DIP28
*558643121	Z86E3312PSG	z8 uC w/ 4K OTP DIP28
558633120	Z86E3312SSC	z8 uC w/ 4K OTP 5V soic28
558684120	Z86E3412PSC	z8 uC w/16K OTP 3.5-5.5V DIP28
580000366	Z86E3412PSG	z8 uC w/16K OTP 3.5-5.5V DIP28
558640160	Z86E4016PSC	z8 uC w/ 4K OTP W/236RAM5.5VDIP40
558643120	Z86E4312PSC	z8 uC w/ 4K OTP DIP40
570000458	Z86E4412PSG	z8 OTP16K 236 SRAM 32I/O DIP40
558661160	Z86E6116PSC	z8 uC w/ 16K OTP w/FullDuplexUartDIP40
558661161	Z86E6116PSG	z8 uC w/ 16K OTP w/FullDuplexUartDIP40
558663160	Z86E6316PSG	z8 uC w/ 32K OTP & UART DIP40
558673160	Z86E7316PSC	ZiLOG IR Microcontrollers 32K OTPDIP-40
558683160	Z86E8316PSC	z8 uC.w/8ADC/DACchannelDIP28
580000369	Z86E8316PSG	z8 uC.w/8ADC/DACchannelDIP28
550880020	Z88C0020PSG	z8 ROMLESS 20MHz DIP 48
558001101	Z8E00110PSC	z8plus uC 1K OTP 10MHz DIP18
550113005	Z8F0113PJ005SG	Encore! 1KFlash 256SRAM DIP28
550123005	Z8F0123PH005EG	Encore! 1KFlash 256SRAM 10 bit ADC DIP28
558012302	Z8F0123PH005SG	Encore! 1KFlash 256SRAM 10 bit ADC DIP20
558012020	Z8F012APH020SG	Encore!XP 1KFlash 256SRAM 10bitADC DIP20
550120201	Z8F012APJ020EG	Encore!XP 1KFlash 256RAM 10bit ADC DIP28
550120200	Z8F012APJ020SG	Encore!XP 1KFlash 256RAM 10bit ADC DIP28
558021020	Z8F021APH020SG	Encore!XP 2KFlash 512SRAM DIP20
558022302	Z8F0223PH020SG	Encore! 5Mhz 2KFlash 512SRAM ADC DIP20
550223005	Z8F0223PJ005SG	Encore! 2KFlash 512RAM 10bit ADC DIP28

558022020	Z8F022APH020SG	Encore!XP 2KFlash 512SRAM 10bitADC DIP20
550220201	Z8F022APJ020EG	Encore!XP 2KFlash 512RAM 10bit ADC DIP28
550220200	Z8F022APJ020SG	Encore!XP 2KFlash 512RAM 10bit ADC DIP28
550413005	Z8F0413PJ005EG	Encore! 5MHz 4KFlash 1KRAM DIP28
*558042102	Z8F0421PH020SG	Encore! 4KFlash 1KSRAM 10 bit ADC DIP20
550422020	Z8F0422PJ020EG	Encore! 4KFlash 1KSRAM 10bit ADC DIP28
580423005	Z8F0423PH005EG	Encore! 5Mhz 4KFlash 1KSRAM ADC DIP20
550430050	Z8F0423PJ005SG	Encore! 5Mhz4KFlash 1KRAM 10bitADC DIP28
580001205	Z8F042AHJSG	Encore!XP 4KFlash 1KSRAM 10bit ADCSSOP28
*558042021	Z8F042APH020EG	Encore!XP 4KFlash 1KSRAM 10bit ADC DIP20
*558042020	Z8F042APH020SG	Encore!XP 4KFlash 1KSRAM 10bit ADC DIP20
558042022	Z8F042APJ020EG	Encore!XP 4KFlash 1KSRAM 10bit ADC DIP28
550420200	Z8F042APJ020SG	Encore!XP 4KFlash 1KSRAM 10bit ADC DIP28
580010480	Z8F042ASJ020SG2156	Encore!XP 4KFlash 1KSRAM 10bit ADCSOIC28
550812020	Z8F0812PJ020SG	Encore! 8KFlash 1KSRAM DIP28
550813005	Z8F0813PJ005SG	Encore! 5MHz -----Flash 1KSRAM DIP28
*558081020	Z8F081APH020EC	Encore! 8KFlash 1KSRAM DIP20
558082102	Z8F0821PH020SC	Encore! 4KFlash 1KSRAM 10bit ADC DIP20
558082300	Z8F0823PH005EC	Encore! 5Mhz 8KFlash 1KSRAM ADC DIP20
*550008201	Z8F082APH020EG	Encore!XP 8KFlash 1KSRAM 10bit ADC DIP20
*558082020	Z8F082APH020EC	Encore!XP 8KFlash 1KSRAM 10bit ADC DIP20
558082021	Z8F082APJ020SC	Encore!XP 8KFlash 1KSRAM 10bit ADC DIP28
*551621020	Z8F1621PM020SC	Encore! 16KFlash 2KSRAM 10 bit ADC DIP40
551621021	Z8F1621PM020SC	Encore! 16KFlash 2KSRAM 10 bit ADC DIP40
550081680	Z8F1680SJ020SG	Encore XP 8 Bit 16KB Flash soic28
*552421020	Z8F2421PM020SG	Encore! 24KFlash 2KSRAM 10 bit ADC DIP40
*553221020	Z8F3221PM020SG	Encore! 32KFlash 2KSRAM 10 bit ADC DIP40
554821020	Z8F4821PM020SG	Encore! 48KFlash 4KSRAM 10 bit ADC DIP40
550064210	Z8F6421PM020SC	Encore! 64KFlash 4KSRAM 10 bit ADC DIP40
580010632	Z8F6421VN020SG	Encore! 64KFlash 4KSRAM 10 bit ADCPLCC44
558180202	Z8L18020VSC	Enhanced Z80 CPU 20MHz 3.3V 68PLCC
558180203	Z8L18020VSC	Enhanced Z80 CPU 20MHz 5V 68 PLCC
550020101	Z8PE002PZ010SG	z8 Plus 0.5KB OTP DIP18
550003010	Z8PE003PZ010EG	z8 Plus 1KB OTP DIP18
558000100	Z8PE003PZ010EG	z8 Plus 1KB OTP DIP18
580010365	Z8S18008VSC	Enhanced Z80 CPU 8MHz 5V PLCC68
558180101	Z8S18010PEG	Enhanced z80 10MHz DIP64
550810100	Z8S18010VSC	Enhanced z80 10MHz 68PLCC
558180200	Z8S18020VEC	Enhanced Z80 CPU 20MHz 5V 68PLCC
558180201	Z8S18020VSC	Enhanced Z80 CPU 20MHz 5V 68PLCC
558180330	Z8S18033VEC	Enhanced Z80 CPU 33MHz 5V 68PLCC
558180331	Z8S18033VSC	Enhanced Z80 CPU 33MHz 5V 68 PLCC

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## **IC: MEMORY DEVICES**

Date Generated: 11/25/2011

**IC: Flash Memory**

Item Code	PART NUMBER	Description
580000054	28F008B3	Flash, 1Mx8,3V 100ns,40-TSSOP
550000103	AM27S291PC	2K x 8 PROM DIP24
550029000	AM29LV008B	1Mx8 Flash Memory TSOP40
550290080	AM29LV008BB-90ED	Flash 1Mx8, 100nS 3V TSSOP40
552916000	AM29LV1600B-70EC	FLASH 1MBx16 or 2MBx8 70nS TSSOP48
550029010	AT29C010A	128Kx8 Flash Memory DIP28
550290201	AT29C020	2M bit 5V Read/write flashDIP32
552902015	AT29C02015PC	256K x 8 Flash Memory PDIP32
550491620	AT49BV162A	FLASH 1MBx16 or 2MBx8 70nS TSSOP48
550280080	E28F008SA	(1-MBIT x 8) FlashFileTM MEMORYSOIC 40
580001691	MD2202-D16	16MBytes Disk on Chip DIP32
552800080	MD2800D08	MEMORY, 8MB, DISK ON CHIP DIP32
552900412	MX29F004TPC-12	512K x 8 Flash Memory DIP32
550280100	N28F010	1024K (128K x 8) CMOS FLASH MEMORYPLCC32
550280200	N28F020-200	2048K (256K X 8) CMOS FLASH MEMORY
550029040	W29C040	4megabit,5V 512K X 8 CMOS FlashMem.DIP32

**IC: Electrically Erasable EEPROM Memory**

Item Code	PART NUMBER	Description
580022425	24C01WP	DIP8*
580010155	24C08	8Kbit Serial EEPROM soic8
580022479	24C16	16K bit Serial EEPROM DIP8
550241280	24LC128	16Kx8 Serial EEPROM 2.7V-5C SOIC8
550024160	24WC16P	16Kbit serial EEPROM-DIP8
*550290200	29EE020	5V 2M page mode EEPROM DIP32
550093463	93C46	256 Bit/1K 5.0V CMOS Serial EEPROMSO8
550093460	93C46-ISM	256 Bit/1K 5.0V CMOS Serial EEPROM DIP8
550093461	93C46LN	256 Bit/1K 5.0V CMOS Serial EEPROM DIP8
550093660	93C66A	4K 5.0V autom temp microwireEEPROM DIP8
580011455	93C66EN	4K Serial EEPROM DIP8
580011611	93C86WG	8K/16K 5.0V Microwire Serial EEPROM
550093462	93LC46B	1K 2.5V Microwire Serial EEPROM dip8
550024080	AT24C08	8K 2wire serial EEPROM DIP8
550028160	AT28C16	2K x 8 EEPROM DIP 24
580021006	BR24C04F-WE2	I2C 4Kbits serial EEPROM soic8
580022492	BR24C21F	1kbit Serial EEPROM SOIC8
580022495	BR24L32	32kbit Serial EEPROM SOIC8
580022494	BR93L56F	2kbit uWire serial EEPROM SOIC8
580010727	BR93L76RFV-WE2	8K Serial EEPROM SSOP8
580022497	BR93LC56F	2kbit Serial EEPROM soic8
580010236	IS93C46A	1KBit serial EEPROM SOIC8
550281620	KM28C16-20	2k x 8 EEROM DIP24
*550275124	W27E512	64k x 8 Electrically ErasableEEPROMDIP28

**IC: RAM Memory**

Item Code	PART NUMBER	Description
557112412	71V124SA12Y	128K x 8 SRAM 12nS SOJ-32
557221525	72C215G2M5	SO14
550072560	AS7C256L	32Kx8 CMOS SRAM DIP28
557340960	AS7C34096A	3,3V 512Kx8 12nS SRAM SOJ36
550621280	CY62128VL-?	128K x 8 SRAM -SO32

550622561	CY62256L	256K (32K x 8) Static RAM DIP14
557185350	CY7C185-35PC	8K x 8 SRAM
557187250	CY7C187-25PC	64k x 1 SRAM
550074202	CY7C420	512 x 9 asynchronous FIFO
550231280	D23128C	>SMD-28L dip 28
550432562	D43256AC	32K x8 SRAM
550432560	D43256BGU	32KX8, SRAM CMOS SOIC28
550012200	DS1220	16k Nonvolatile SRAM DIP24
*530012250	DS1225Y	64K Nonvolatile SRAM
550012300	DS1230Y	256K Nonvolatile SRAM DIP28
550012440	DS1244Y	256k NV SRAM with Phantom Clock
550013300	DS1330YL	256K NVSRAM SOIC 32
550000180	EPC1PC8	1Meg x 1 SRAM DIP8
550000449	GM71256-15	256K x 1 DRAM DIP 16
570000453	HM50256P-15	256K x 1 DRAM DIP16
555142607	HM514260CJ7	256K x 16 bit DRAM 70nS SOIC 40
550061610	HM6161P	8bit High Speed CMOS Static RAM DIP24
550622565	HM62256LP	IC,SRAM,32KX8,CMOS,DIP,28PIN
550062640	HM6264ALP	64 k SRAM (8-kword x 8-bit)DIP28
556281280	HM628128LP	CMOS static RAM in 32-pin
550622563	HY62256	32Kx8bit CMOS SRAM DIP 28
550622560	HY62256A	32KX 8 bit CMOS SRAM dip28
550062642	HY62C64	8KX8-Bit CMOS SRAM DIP28
550711240	IDT71V124SA12Y	3.3V 128Kx8 12nS SRAM SOJ32
550012560	IS61C256AH	32kx8 High Speed CMOS SRAM-DIP28
550061640	IS61C64AH	8kx8 High Speed CMOS SRAM 5V DIP28
550622566	IS62C256	32Kx8 LOW POWER CMOS STATIC RAM DIP28
556400100	K6A4008V10-JC10	SRAM 512Kx8
550010082	K6F1008V2C	3.3V 128Kx8 SRAM 55nS Low Power TSSOP 32
556080810	K6T0808C1D	32k x 8 SRAM DIP28
570000443	KM41256-15	256K x 1 DRAM DIP16
550622562	KM62256	32Kx8 bit Low Power CMOS Static RAMDIP28
550587250	M58725P	2K x 8 SRAM
550000478	M5M4256P	256K x 1 DRAM DIP16
550551780	M5M5178AP	8K x 8 SRAM -DIP28
550552780	M5M5278	16K x 8 SRAM -DIP28
550081160	MB8116H	16K x 1 DRAM-
556206200	MCM6206CP20	32K x 8 SRAM 20ns DIP28
556256100	MCM6256BP10	256K x 1 Dynamic RAM dip16
550622564	MS62256	32K x 8 CMOS Static RAM DIP28
556225620	MS62256H-20NC	32K x 8 SRAM 20nS -DIP28
550062643	MS6264	5V 64K (8K*8) SRAM DIP28
550062641	MS6264A	8K x 8 Static RAM 5V DIP28
553764150	MSM3764-15	65K x 1 DRAM 150nS
550564080	MT5C6408	8K x 8 SRAM-DIP28
550552571	TC55257BPL	SILICONG8TCMOS 8BIT STATICRAMDIP28
550552570	TC55257DFTL	32768-word by 8-bit static RAM DIP28
550552572	TC55257DPL	32768-word by 8-bit staticRAMDIP28TSOP
550553280	TC55328	32K x 8 fast SRAM -DIP28
550055650	TC5565APL	8K x 8 SRAM DIP28
550055880	TC5588P-25	8K x 8 SRAM -DIP28
570000423	TMS4164	64K x 1 DRAM DIP 16
580010259	UM6164AK	8K x 8 High Speed RAM dip24
556251864	V62C51864L-70P	8Kx8 SRAM
550242570	W24257AK	32K x 8 Hi speed SRAM 5V DIP28
550024650	W2465	8K x 8 CMOS SRAM DIP 28
550020050	X20C05P	High Speed AUTOSTORE NVRAM DIP28

#### IC: PROM and UV Erasable Memory

Item Code	PART NUMBER	Description
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*550027320	2732A	32K (4kb x 8) 250ns NMOS EPROM 5V 24DIP
550270100	27C010A	128k x 8 uV EPROM DIP32
550027040	27C040	4096K 150ns CMOS Uv EPROM dip32
550271283	27C128	128K (16K x 8) CMOS uV EPROM
550272562	27C256	256K (32x8) UV CMOS EPROM in 32-pin
550275122	27C512	512 Kbit 64Kb x8 UV EPROM&OTP
550027641	27C64A	2-7 V, 64K-bit CMOS EPROM DIP28
550057490	57C49C	High Speed 8k X 8 CMOS Prom/Rpromdip24
550275120	AM27512DC	UV EPROM 512K dip28
550270200	AM27C020	256k x 8 UVEPROM DIP32
550270400	AM27C040	512k x 8 UVEPROM DIP32
550271282	AM27C128	uV EPROM 128 Kbit (16 K x 8-Bit)5V DIP28
550272561	AM27C256	256 kilobit UV CMOS EPROM in 28-pin
550027640	AM27C64	64 Kilobit (8 K x 8-Bit)CMOS EPROM DIP32
550270101	AT27C010-	1 Megabit(128kx8) OTP EPROM DIP32
550272564	AT27C256-	256K 32K x 8 OTP CMOS EPROM
550072610	CY7C261	Reprogrammable PROM DIP24
550271280	D27128	16K x 8 UV EPROM Chips DIP28
550027321	D2732A	4K x 8 UV EPROMS DIP 28
550027643	D2764D	8K x 8 UV EPROM
552710011	D27C1001A	128K x 8 UV EPROM
550272565	D27C256AD	32K x 8 UV EPROM-DIP28
550274096	HN27C4096AHCC	262K x 16 UVEPROM PLCC44
550271610	M2716F1	2k x 8 UVEPROM DIP24
552710010	M27C1001	1 MBIT (128KB X8) UV EPROM/OTP ROM DIP24
550271024	M27C1024	1MBIT UV EPROM & OTP EPROM DIP 40
552720010	M27C2001	2 Mbit 256Kbx 8 UV EPROM/OTP EPROM DIP32
550272560	M27C256B	32K x 8 UV EPROM DIP28
552740010	M27C4001	512K x 8 UV EPROM
550275121	M27C512	64K x 8 UV EPROM DIP28
555271280	M5M27C128K	16K x 8 UVEPROM -DIP40
550801540	M80154	EPROM DIP 40
550271284	MBM27128-25	16K x 8 UVEPROM -DIP40
550272567	MBM27256-20/25	32K x 8 UV EPROM -DIP28
550027642	MBM2764-25	8K x 8 UVEPROM -DIP28
550272566	MBM27C256	32K x 8 UVEPROM -DIP28
550271281	NM27C128	16Kx8 CMOS uV EPROMDIP28
550272563	NM27C256B	32Kx8 UV CMOS EPROM dip28
550275123	NM27C512	64Kx8 UV CMOS EPROM DIP28
555710000	TC571000D-15	128K x 8 UV EPROM
550572560	TC57256AD	32K x 8 UVEPROM DIP32
550004031	UPB403D	256x4 TTL PROM DIP16

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## **IC: PERIPHERAL DEVICES**

Date Generated: 11/25/2011

**IC: Peripheral Devices**

<b>Item Code</b>	<b>PART NUMBER</b>	<b>Description</b>
550089900	ACT8990	Test Bus Controllers 16 bit PLCC44
55007050	ADM705	uP supervisory circuit soic8
55007060	ADM706	uP supervisory circuit soic8
550079680	AM7968	Transparent Asynchronous Tx Rx -PLCC28
580000203	AM79C874VC	Ethernet Transceiver 80-QFP
550600220	AT6002-2JC	CoprocessorFieldProgram.GateArraysPLCC84
550000711	CS82C55A	Programmble periph interface PLCC44
557637430	CY7C63743	enCoReUSB Combi.USBPeripheralContrlISO24
550000102	D71055C	Parallel Interface Unit DIP40
550081551	D8155HC	upD8155 RAM + I/O + Timer DIP40
550082371	D8237AC	H-PerformnceProgrmableDMAController40pi
550082510	D8251A	Programmable comm. Interface DIP28
550010770	DS1077L	7.32kHz-60MHz Programmable Osc SOIC8
550012320	DS1232	MicroMonitor Chip DIP8
550012330	DS1233	Econoreset IC SOT-223
580011506	DS1302S	Tricle Charge TimeKeeping RTC soic8
580000207	DS1307	64 x8 serial I2C Real Time Clock SOIC8
580010658	DS1307	64 x 8, Serial, I?C Real-Time Clock DIP8
550079100	EF7910PL	Modem Chip DIP28
550164500	EI16C450	Univer. Asynchronous Rx/Tx (UART) dip40
580011463	ENC28J60-I	8KB RAM MAC&PHY Micro Peripheral Driver
550465050	HD46505SP	Peripheral Chip of HMCS6800 Microc dip40
550087210	KS8721BL	Ethernet Transceiver LQFP-48
580011415	M41ST87WMX6	Secure serial RTC & NVRAM soic28
580000375	M48T08-150PC1	8K x 8 Timekeeper NVRAM 28 PINS
550063280	MAX6328	RESET circuit IC SOT23
550006950	MAX695CPE	Microprocesors Supervisory CircuitsDIP16
550088760	MB8876A	Floppy Disk Controller-DIP40
556823010	MC68230P10	Parallel Interface & Timer -DIP48
550686810	MC68681	Dual asynchronous receiver/transm.DIP40
550038810	MK3881N	Z80a PIO DIP40
550685640	MK68564N	Serial Input output dip 48
550164520	MX16C452	Async Communication Interface PLCC64
550825420	N82C542	*PLCC 28
550082552	N82C55A	8MHzCHMOS program.perip.InterfacePLCC 44
580001698	NAT7210APD	GPIO Controller DIP40
580010293	NE57810S	Memory Termination 5pins
550022720	NET2272	USB 2.0 Hi Speed Controller 64-TQFP
550008100	NSC810AN	NSC10A RAM-I/O Timer dip40
550169520	OX16C952	2-chan.UART with 3 Mbps data ratePLCC68
550081550	P8155H	2K RAM + I/O DIP40
550082370	P8237A	Multimode DMA Controller DIP40
*550082550	P8255A	Programmable Peripheral Interface DIP40
550827150	P82B715	I2C Bus Extender DIP8
550085840	PCF8584T	I2C-bus controller SOIC 20
580010536	PL-2303	USB to Serial Bridge soic28
580010074	PST9142	4.2V System Reset TO92
550065220	R6522	Versatile Interface Adapter DIP40
580010284	S-80931CNMC-G81T2G	V Detector and Reset Ckt SOT23-5
550825030	S82503	Dual serial transceiver SO44
580000223	SH3000	Multifunction MCU Support
550086400	SPG8640BN	CRYSTAL OSCILLATOR,1-CHANNEL dip16
550016450	ST16C450CP	UART Dip40
550164501	TL16C450N	UART
550165540	TL16C554FN	ASYNCHRONOUS COMM. Element PLCC68
*550082551	TMP82C55AP	CMOSProgramablePheripheral InterfaceDIP40
550842004	Z0842004PSC	PIO 4MHz DIP40

550842006	Z0842006PSC	PIO 6MHzDIP40
550844004	Z0844004PSC	Serial I/O Controller 4 MHz DIP 40
550844006	Z0844006PSC	Serial I/O Controller 6 MHz DIP 40
550853006	Z0853006PSC	SerialComm.ControllrDualChan.DIP40
570000442	Z0853006PSG	6MHz z8500 SCC DIP-40
550853008	Z0853008PSC	Communication Controller 5V DIP 40
550853606	Z0853606PSC	Communication Controller DIP40
580001693	Z16C3220VSC	Integrated Universal Serial ContrIPLCC68
550842010	Z8420AB1	Z8 PIO Parallel I/O Controller DIP40
*550084200	Z8420APS	Z80 PIO PARALLEL INPUT/OUTPUT DIP40
550084300	Z8430APS	CTC four-channel counter/timer
558410080	Z84C1008PEG	Direct Memory Access Cont. 8MHz DIP40
558420060	Z84C2006PEC	Programmable I/O 6MHz DIP40
580001668	Z84C2008PEG	Programmable I/O 8MHz DIP40
558430080	Z84C3008PEC	Z80 Counter/Timer Circuit DIP 28
580001694	Z84C4006PEG	z80 Serial I/O 6Mhz DIP40
558440080	Z84C4008PEC	z80 Serial I/O 8MHz DIP40
558490100	Z84C9010VSC	Serial/Parallel I/O 10MHz -PLCC84
558490120	Z84C9012VSC	Serial/Parallel I/O 12MHz -PLCC84
558619120	Z8612912PSC	NTSC Line 21 Decoder 4.75-5.25V DIP18
558622812	Z8622812PSG	Line 21 Decoder -DIP18
558622813	Z8622812PSG	Line 21 Decode - DIP18

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## **IC: PAL, GAL, CPLD, FPGA**

Date Generated: 11/25/2011

**IC: PAL, GAL, CPLD, FPGA**

<b>Item Code</b>	<b>PART NUMBER</b>	<b>Description</b>
580001684	AMPAL16R4PC	DIP20
550022104	AMPAL22V10AJC	TTL Versatile PAL Device PLCC 28
550022101	AT22V10	UVErasable Program.Logic Dev.200mADIP24
550049040	AT49F040	4-Megabit 5V CMOS Flash Memory PLCC32
550000460	ATF16V88-15	16 I/O EEPLD DIP20 new!
550022105	ATF22V10B	EPLD DIP24
550007500	ATF750CL	20 FFs, 10 I/O Pins, low power, 5VPLCC28
556561102	D65611GCE02	SO52
556561219	D65612GF196	CMOS Gate Array -soic64
530070960	EMP7096LC84	Prog. Logic, 96 Macrocells PLCC84
550712884	EMP7128SLC84	CPLD PLCC84
550009000	EP900ILC	UV Erasable CPLD PLCC 44
551050240	EPF10K50RC240-4	Flex 10K CPLD
530070320	EPM7032LC44	Prog. Logic Device Fam. PLCC44
557160840	EPM7160ELC84-12	MAX7000 CPLD -PLCC84
550001680	GAL16V8	H-perform.E2CMOS PLDGen.ArrayLogicDIP20
550001686	GAL16V8	PLD PLCC20
550002080	GAL20V8B	HPerformanceECMOS GenericArrayLogicDIP24
550022106	GAL22V10	PLD PLCC28
550022102	GAL22V10D	H-Perforamnce ECmoS GenericArrayDIP24
550012100	PAL12L10CJS	Programmable Array Logic small PAL DIP24
550001683	PAL16L8ACNL	TTL programm. Logic Array PLCC 20
550001641	PAL16R4NC	Fuse Prog. Array Logic Device DIP20
550001682	PAL16R8	Microprocessor - PAL/GAL 20 Pin
550002020	PAL20L2CNS	Programmable Array Logic-DIP24
550020100	PAL20RA10	7-12V Programmable Array Logic DIP24
*550001681	PALCE16V8	EE CMOS 20-Pin Universal Prog.ArrayLogic
550001684	PALCE16V8Q	EE CMOSUnivrsalProgrambleArryLogcPLCC 20
*550002081	PALCE20V8H	EE CMOS 24-Pin Universal PAL
550022103	PALCE22V10H	24Pin EE CMOS 0 Power VersatilePALDev.
550022108	PALCE22V10H-25JC/4	SPLD PLCC28
550001880	PEEL18CV8P	EEPLD DIP20
550001530	PLS153AN	Programmable logic arrays DIP20
550003861	SZM-386U	-Zilog DIP52
550001640	TIBPAL16R4	PLD
550001660	TIBPAL16R6	PLD DIP20
550001685	TIBPAL16R8	PLD DIP20
550022100	TIBPAL22V10	PLD DIP24
580000206	XC1804/VQ44AEN0033	ISP Programmable Config ROM 44-TQFP
550021280	XC2C128	CPLD XILINX XC2C128 VQFP100
580000078	XC2C128	CPLD 100VQFP
550021500	XC2S150E	FPGA XILINX BGA456
550030300	XC3030	Logic Cell Array Fam. PLCC84
550030640	XC3064	User Prog. Gate Array PLCC88
550040050	XC4005E	Programmable Gate Arrays PLCC84
580010409	XC9536XL	Flash CPLD 36 I/O JTAG PLCC64

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# **IC: INSTRUMENTATION AND PRECISION CIRCUITS**

Date Generated: 11/25/2011

**IC: Instrumentation and Precision Circuits**

<b>Item Code</b>	<b>PART NUMBER</b>	<b>Description</b>
550002021	AD202JN	2 port 5KHz Isolation Amp. PDIP 10
580001195	AD-202JN	Isolation Amp 5KHz BW 2 ports/ch
550002022	AD202JY	2 port 5KHz Isolation Amp. SIP 10
550002023	AD202KY	2 port 5KHz Isolation Amp.Hi LinearSIP10
550002040	AD204JN	2 port 5KHz Isolation Amp. PDIP 10
580001196	AD-204KY	Isolation Amp 5KHz BW 2 ports/ch
550002082	AD208AJ	Precision Isolated Amp. 4kHz DIP12
550002083	AD208AY	Precision Isolation Amp. 4kHz DIP10
550002100	AD210AN	3port precision 20khzIsolation Amp.DIP12
580001194	AD-210AN	Isolation Amp 20KHz BW 3 ports/ch
550002150	AD215AY	2 port 120kHz Isolation Amp.
550002151	AD215BY	Precision 2 port 120kHz Isolation Amp
580001197	AD215BY	Isolation Amp 120KHz BW 2 ports/ch
550220500	AD22050N	Single-supplySensor Interface AmpDIP8
550220570	AD22057	Sensor Interface Amplifier soic8
550002600	AD260BND-1	5 Line Isologic Isolator DIP22
550005260	AD526JN	Software programmable gain amp. DIP16
55008570	AD587	High Precision 10V Reference soic8
550006200	AD620	Low Power InstrumentationAmpDIP8
550006201	AD620	Low Power InstrumentationAmp SOIC8
58006220	AD622	Instrumentation Amplifier soic8
550006231	AD623	LowCost Instrumentation OPAMP soic8
55006330	AD633	Analog Multiplier 4 quadrant soic8
55006480	AD648	Dual Precision Low Power Bifet soic8
55006540	AD654	Voltage to Frequency Converter soic8
55006800	AD680	2.5V Bandgap Voltage Reference soic8
550007060	AD706	Dual picoamp in OPAMP-DIP8
550007070	AD707	Ultralow Drift OP Amp.dip8
55007080	AD708	Dual Hi precision OPAMP soic8
550007080	AD708	Ultralow Offset Dual Op Amp DIP 8
55007120	AD712	Dual Precision Hi speed BIFET OPAMPsoic8
550007120	AD712	Dual Precision, BiFET Op Amp dip8
550007121	AD712CQ	Dual Precision HighSpeedBiFET OpAmpDIP8
55007370	AD737	True RMS to DC converter soic8
550007802	AD780	2.5 V/3.0 V High Precision VRef. DIP 8
55007950	AD795	Precision, Low power, Lo Noise OPAMsoic8
557310120	AD7B31-01-2	Isolated Unipolar Voltage Input
550008200	AD820	Single Supply, Precision opamp soic8
550083070	AD8307	Low Cost,DC-500mHz,92dB Loga. Amp soic16
55008340	AD834	500MHz 4 qudrant multiplier soic8
550000210	ADIB21AN	Isolated V/I Converter DIP8
550000220	ADIB22AN	Programmable Isolated V/I ConverterDIP12
520000057	AS431	Precision adj shunt regulator TO92
580001082	GA201	Isolation Amp.
580001083	GA202	Isolation Amp.
550078000	HCPL-7800A	Isolation Amp Opto DIP8
*550080380	ICL8038CCJD	Precision Waveform Generator
550001140	INA114AP	Precision Instrumentation Amp Op DIP 8
550001141	INA114AU	Precision Instrumentation Amp SOIC 16
550130060	LF13006N	Precision Digital Gain Set App. DIP16
580010471	LM431	Adjutsable Precision Refrence TO92
550010130	LT1013	Dual Precision Op Amp 5V DIP8
550010140	LT1014	Quad Precision OPAMP soic14
550011500	LTC1150	15V Chopper Stabilized Op. Amp. DIP8
550004270	MAX427	High-Precision Op Amps soic8
550004280	MAX428	High-Precision Op Amps soic8
550004290	MAX429	High-Precision Op Amps soic8

550004300	MAX430	High-Precision Op Amps soic8
550004301	MAX430CPA	High-Precision Choppr Stablz OPAMP dip8
550004311	MAX431	High-Precision Op Amps soic8
550004320	MAX432	High-Precision Op Amps soic8
550004331	MAX433	High-Precision Op Amps soic8
550004340	MAX434	High-Precision Op Amps soic8
550004351	MAX435	High-Precision Op Amps soic8
550004360	MAX436	High-Precision Op Amps soic8
550004370	MAX437	High-Precision Op Amps soic8
580010376	MAX6103EUR-T	Voltage Reference 3.0V SOT-23
580010347	MAX6150EUR-T	Voltage Reference 5.0V sot23-3
550063250	MAX6325	1ppm precision reference soic8
550063500	MAX6350	1ppm precision reference soic8
550014030	MC1403	Low Voltage Reference SOIC8
55001930	OP193	Hi precision micropower OPAMP soic8
580022421	OP213F	Dual OPAMP Lo Noise Lo drift DIP8
550000271	OP27	Low-Noise, Precision Op. Amp. SOIC 8
*550000270	OP27GZ	Low-Noise Precision Op Amp DIP8
55002930	OP293	Precision micropower OPAMP soic8
550007710	OP77-1	Precision OPAMP Ultra Low Ofst SOIC8
550000971	OP97F	Hi precision Lo pwr OPAMP SOIC8
550000970	OP97FP	Hi precision LP opamp 8 PIN
550001771	OPA177GS	precision OPAMP soic8
550002050	PGA205AU	Digitally program gain instrum amp-SO16
550000010	REF01EZ	10V 8.5ppm/C precision reference-DIP8
55000020	REF02	5V Precision Voltage Reference soic8
580022436	REF02H	5V Precision Reference 25ppm/C Dip8
550000030	REF03	2.5V Precision Reference soic8
550004121	REF0412	1.2V precision Voltage ref soic8
550004251	REF0425	2.5V precision Voltage ref soic8
550097220	T9722/AMP01FX	LN Precision Instrumentation Amp
77003544	TL431C	Adjutsable Precision Refrence TO92
580011233	TLE2142AI	Precision Lo noise Hi speed OPAMP soic8
580010054	TLV431AC	Low Voltage Adjustable ReferenceTO92
580011704	TS3431ILT	1.25V Programmable Volt Ref SOT23 (L280)

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# **IC: VOLTAGE REGULATORS & DC/DC CONVERTERS**

Date Generated: 11/25/2011

**IC: Low Dropout Linear Regulator**

<b>Item Code</b>	<b>PART NUMBER</b>	<b>Description</b>
580011154	88MS05	5V 500mA LDO with ON/OFF Pin TP-5H
580000436	AIC1117A-33GE	3.3V 1A LDO Voltage Regulator TO-252
580011700	AMC76382-3.3	3.3V 450mA LDO VR DPAK
580001689	AMS1085CM	3A LDO adjustable Regulator TO-263
580011362	APL1117	1A LDO Adjustable VR SOT223
580011626	APL1581	Dual In 5A LDO Voltage Reg TO263
540000330	BA033	3.3V 1A LDO Voltage Regulator DPAK
550010851	EZ1085CM	Linear Regulators 1.5A Adj LDO Volt
580010860	EZ1086CM	Linear Regulators 3.3v 1.5A Adj LDO Volt
550011100	EZ1117ACM 0332	3.3V 1A LDO Voltage Regulator TO-263
580010258	EZ1583CM	Dual input Adj LDO VR 1.5A TO-263-5L
580010308	FAN1117AS	1A Adjustable VR LDP SOT-223
580010269	Fan1585AM	5A Adjustable/Fixed Low Dropout Reg.
580010270	FAN1587AN	3A ADJ Voltage Reg LDO SOT263-3-2
570000452	FAN1589N	Regulator LDO 2.7A 1.2V T0-263
580010362	IRU1176	7.5A adjustable LDO with shutdown T0-263
580021368	L1117 1.8V	1A 1.8V LDO VRegulator DPAK
580021369	L1117 3.3V	1A 3.3V LDO Vregulator DPAK
544940120	L4940V12	12V 1.5A ULDO Voltage Regulator-TO220
580011140	L4941BS	5V 1A LDO VR 3pins
544955120	L4955V12	12V 5A ULDO Voltage Regulator -T0220-5p
580011152	L88M33T	3.3V 500mA LDO VReg TP-3H
550000500	LE50A	Very LDO Regulator with Inhibit-SO8
580000066	LM1086-3.3	3.3V 1.5A LDO Voltage Regulator T0-263
580011571	LM1117-33	3.3V 800mA LDO Voltage Reg DPAK
580000065	LM1117DT-1.8	1.8V 800mA Adjustable VR LDO TO252
580011567	LM117 DT-5.0V	5.0V 800mA Low-Dropout Linear Reg. DPAK
580000063	LM2937	3.3V 500mA Low Dropout Regulator T0-223
*550039400	LM3940IS	3.3V Voltage Regulator
550011290	LT1129-3.3	3.3V 700mA LDO voltage regulator DD Pack
580000080	LT1790	3V LDO Voltage Reference sot23-6
540117000	LX811700	800mA Adjustable Voltage Reg LDO SOT223
550083830	LX8383A-00	7.5 A LOW DROPOUT POS REG TO220
580000023	LX838400	5A Adj LDO Voltage Reg DPAK
550083840	LX8384-00CP	Low Drop Out Regulator TO220
540083850	LX8385	3A LDO Regulator-TO220
580010885	LX8815-33	2Ch 3.3V 1A LDO Regulator DF-5
580011274	NCP1117-5G	117-5G 5V 1A LDO Vreg DPAK
580011448	RC1587T	3A Regulator LDO Adjustable TO220
580010337	RT9013-30PB	500mA 3V LDO Voltage Reg sot23-5
580000435	RT9163-33PG	3.3V 500mA LDO Voltage Regulator SOT223
580011538	S-81250HG	5V 100mA Low Dropout T0-92
580001010	SC156515M	1.5A LDO Regulator with Enable
580000067	SPX2815AU-3.3	3.3V 1.5A LDO Voltage Regulator TO220
550292030	SPX2920M3	3.3V Voltage Regulator SOT223
552217330	TLV2217-33TI	3.3V 500mA LDO Voltage Reg DPAK
580011212	US1010	Adj LDO VR 1A DPAK
580010379	XC6201P502PR	5V 250mA LDO Voltage Regulator SOT-89
580010279	XC6202P332MR	3.3V 100mA LDO Regulator SOT-23 (2522)

**IC: Linear Voltage Regulator**

<b>Item Code</b>	<b>PART NUMBER</b>	<b>Description</b>
540052010	5201GM	1.1A Adjustable Regulator-TO220
580010053	750L05C	5V 150mA LDO Regulator TO92

550078060	7806	6V 1A Voltage Reg TO220
580010372	7809	9V 1A Voltage Regulator TO220
540078180	7818CT	18V 1A Voltage Regulator TO220
580010051	78L05AC	5V 100mA VR TO92
*580010057	78L06AC	6V 100mA VR TO92
550000446	78L08	8V 100mA Voltage Reg TO-92
580010762	78L12	12V 100mA VR TO92
580011153	78LR05	5V 500mA VR with Reset DPAK-4
550078090	78M09	9V 0.5A Voltage Regulator DPAK
580010055	79L15AC	15V 100mA Negative VR TO92
580011150	79M05T	-5V 500mA Negative VR DPAK
*550079150	79M15	-15V 0.5A Voltage Regulator DPAK
550008050	8M05B	5V 0.5A Voltage Regulator DPAK
550008082	8M08B	8V 0.5A Voltage Regulator DPAK
540178050	BA17805FP	Voltage Reg.5V SurfaceMnt. TO252-3
550081410	CS-8141	5V, 500mA Linear Regulator
*550078052	KA7805	3-Terminal 1A Pos. Voltage Reg TO220
550078080	KA7808	3-Terminal 1A Positive Voltage Reg.TO220
550079050	KA7905	3Terminal 1A(-)VoltageRegulator 5V TO220
550079080	KA7908	3Terminal 1A Neg Voltage Regulator TO220
550079120	KA7912	3-Terminal1A Neg.VoltageReg TO220
580010302	L7805CCD2T-TR	5V 1.5A Voltage Regulator SOT-263
550000441	L7805CV	Positive Voltage Regulator TO220 NEW!
540078051	L78MR05	5V 0.5A with Reset VR
*540079120	L7912	12v 1A Voltage Regulator TO220
540002170	LM217T	1A Adjustable Voltage Regulator -TO220
540002370	LM237	adjustable Regulator 1.5A -TO220
540003171	LM317	3 Terminal Ajustable regulator TO220
550003170	LM317	3 Terminal Ajustable regulator soic8
540003170	LM317K	3 Terminal Ajustable regulator TO-3
580001009	LM317L	Adjustable VR 100mA TO-92
550003172	LM317M	3 Terminal Ajustable regulator -DPAK
580021401	LM323	5V 3A Positive Regulator
540003371	LM337K	Adjustable negative regulator T03
540003370	LM337T	Adjustable negative regulator -TO220
*540003380	LM338K	5A Adjustable Regulator TO3
580000064	LM340MP-5	5V 1A Voltage Regulator SOT223
540340120	LM340T12	12V 1.5A 3 Terminal Positive Reg. T0220
540003500	LM350	3-Amp Adjustable Regulator T0220
550003500	LM350K	3A Adjustable Regulator TO3
550007230	LM723	HighPrecision Voltage Regulator DIP14
540078240	LM7824	-24V voltage regulator TO220
540010850	LT1085?	7.5A Voltage Regulator TO3
540078050	MC7805CK	5V 1A PosVoltage Regulator TO-3
580010466	TL780-05C	5V 1.5A pos Voltage Regulator TO220
540000796	TL780-15C	15V 1.5A Voltage Regulator TO220
550007800	TL780-15C	POSITIVE-VOLTAGE REGULATORS TO220
550000830	TL783	H-VOLTAGEADJUST.REGULATOR125V/700mATO220
550007830	TL783C	HIGH-VOLTAGE ADJUSTABLE REGULATOR-TO220
580011456	TS78L05	5V 100mA Positive Vltg Reg.soic8
*550078056	UA7805	Positive Voltage Regulator TO220
550079051	UA7808C	8V 0,5A Voltage Regulator-DPAK
580010416	UA7808C	8V 1.5A pos Voltage Regulator TO220
540078100	UA7810	10V Fixed Regulator-TO220
550078121	UA7812	12V Fixed Pos. Voltage Regulator TO220
550078150	UA7815C	15V,1.5A Fixed Pos.VoltageRegulatorTO220
77003774	UA78M05C	IC UA78M05C Dpak
550078081	UA78M08C	8V 0.5A Voltage Regulator-DPAK
550078122	UA78M12C	12V 0.5A Voltage Regulator-DPAK
580010427	UA79M05C	5V 1.5A neg Voltage Regulator TO220

**IC: DC/DC Converter**

Item Code	PART NUMBER	Description
580010641	A8447ST	Hi Voltage Step Down Reg 3A SOIC8
580011708	ARTESYN SMT12F-05W3V3	DC/DC Converters
540003550	AS 3-5-5	DC-DC Converter 5V 0.6A
*550340630	AZ34063P	DC-DC Converter DIP8
580001081	BDS-24-1515	DC-DC Converter
580010643	CPS1180A	DC to DC Converter
580000069	DSP1N5S14	DC-DC Converter 5V in-14V out-1W
580011470	LM2597M-5.0	150KHz 0.5A Step Down Voltage Reg.soic8
570000385	LM5007MM	Hi Voltage Stepdown Switcher MSOP8
*550010720	LT1072	1.25A H-EfficiencySwitchngRegulatorDIP8
550016260	MAX1626	Step-Down DC-DC Controllers soic8
550016270	MAX1627	Step-Down DC-DC Controllers soic8
550006180	MAX618	DC/DC Converter QSOP16
580011473	MC33063A	1.5A DC to DC Converter soic8
580011472	MC34063A	DC to DC Converter Circuits soic8
580011343	MC34166T	Power Switching Regulator 3A Case314b
580001096	NME0524S	SIP 5V to 24V 42mA Single Output DC-DC
580000070	PT5042A	DC-DC Converter +15V 1Amp (Module)
550011530	SC1153CSW	Programable synchronous DC/DC SO20
580011458	SC4524B	2A Step Down Switching Reg soic8
510070080	SP7008	Ultra Low Noise DC/DC Converter MOD. IC
545122000	SS5-12S200	DC-DC Converter 5Vin/12output
580010154	TEA1207T	High Efficiency DC-DC Converter soic8
550610410	TPS61041	Low Pwr DC-DC Converter SOT23-5
540001150	VEC115W	Isolated DC-DC Converter 5V 0.5A
541512150	ZS1R51215	12V DC-DC Converter 100mA

**IC: Switching Regulator circuit**

Item Code	PART NUMBER	Description
550022080	AS2208A	PWM Controller DIP8
550028422	AS2842	Current Mode PWM Controller DIP8
550038421	AS3842	Current Mode PWM Controller DIP8
550038430	AS3843	Current Mode PWM Controller DIP8
550038440	AS3844	Current Mode PWM Controller SOIC 8
550038442	AS3844	Current Mode PWM Controller DIP8
*550038450	AS3845	Current Mode PWM Controller DIP8
550009980	AS998	Current Mode PWM Controller DIP8
570000441	ML4800CP	PWM + PFC Controller DIP16
570000325	ML4800IS	PWM + PFC Controller soic16
570000454	ML4824CP1	PWM + PFC Controller DIP16
540482410	ML4824IP1	PowrFctorCorection/PWMControllrcomboDIP8
580011474	NCP1002	Integrated off-Line Switching Reg.soic8
580022456	SG3524BN	Regulating PWM Modulator DIP16
550035250	SG3525ADW	Pulse Width Mod.ContrlCircuitSO 16
550038431	TL3843	CURRENT-MODE PWM CONTROLLERSSO8
550000104	TNY254P	Off line switcher DIP8
550002550	TNY255G	4-10W off line switcher SO8
580022423	TNY280PN	Off line Switcher DIP8
540002000	TOP200Y	3 terminal offline switcher-TO220
540002010	TOP201Y	3 terminal offline switcher-TO220
540002020	TOP202Y	3 terminal offline switcher-TO220
550002210	TOP221Y	Three-terminal off-line PWM switch TO220
540002220	TOP222Y	Off line PWM Switch -TO220
550002230	TOP223Y	Three-terminal Off-line PWM Switch TO220
550002240	TOP224Y	3 TERMINAL OFF-LINE PWM SWITCH TO220

550002250	TOP225Y	Three-terminal Off-line PWM Switch TO220
550002260	TOP226Y	Three-terminal Off-line PWM Switch TO220
550002270	TOP227Y	Three-terminal Off-line PWM Switch TO220
550002321	TOP232Y	0-75W Off line Switcher
540002340	TOP234Y	Off line SWITCHer
550078400	UA78S40PC	UNIVERSAL SWITCHING REGULATOR SUBSYSTEM
550028420	UC2842AN	H-performa current mode controller DIP8
550028421	UC2842N	CURRENT-MODE PWM CONTROLLERDIP8
*550035240	UC3524AN	AdvancRegulatingPulseWithModultorsDIP16
550038420	UC3842	Current-mode PWM controller DIP8
*550038441	UC3844A	Current-Mode PWM Controller -DIP8
550038540	UC3854DW	High Power Factor Preregulator -SO16
580011587	UPC1906CX	Switching Regulator Circuit Dip16

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## **IC: POWER SUPPLY RELATED COMPONENTS**

Date Generated: 11/25/2011

**IC: Power Supply Related Components**

<b>Item Code</b>	<b>PART NUMBER</b>	<b>Description</b>
550077051	7705AC	SUPPLY-VOLTAGE SUPERVISORS SOIC 8
550000457	BA5901K	4ch controller + Regulator PLCC44
550004190	DG419DY	-soic8
580021005	LTC4006-6	4A Li-Ion Batt Charger ssop16
580000098	M62724M	Voltage Detector & System Reset 2.85V
550016800	MAX1680	Switched-Cap. VoltgeConvtrter soic8
550016810	MAX1681	Switched-Cap. VoltgeConvtrter soic8
580010355	MAX6835FXSD0-T	Voltage Monitor SOT-23
580010233	MC33064P	UNDERVOLTAGE SENSING CIRCUIT TO92 3pin
550001370	PB137	Pos. Voltage Reg. for Bat.Chargr TO220
580001405	TISP4350H3	275V Over voltage protection TO-92
550004310	TL431	Adjustable Precision Regulators soic8
580010049	TL431I	Programmable shunt regulator TO92
550077050	TL7705	Supply voltage Supervisor DIP8
580010153	TL7705AC	Supply voltage supervisor soic8

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## **IC: APPLICATION SPECIFIC AND TELECOM**

Date Generated: 11/25/2011

**IC: Application Specific**

<b>Item Code</b>	<b>PART NUMBER</b>	<b>Description</b>
570000358	1610	1610 Optical Mouse IC
77007925	555	IC 555 TIMER (NE555P)
550053680	A5368CA	Smoke Detector IC DIP16
580011232	A6264	Automotive LED Driver MSOP-10
*550006370	AD637	H-PrecisionWideBandRMStoDCConverterDIP14
550095000	AD9500BQ	7V30mADigitalyProgrammableDelayGen.dip24
550005270	ADG527AKN	CMOS15V 8Channel Analog MultiplexerDIP28
550029220	AM2922	8Input multiplexer w/Ctrl. RegisterDIP20
550058360	AN5836	DC Volume and Tone control SIP12
580000478	AN6884	5-dot LED bar display driver SIP9
580011316	APL5331	3A Bus Termination Regulator T0-252-5
550025330	AS2533	CMOS Single Chip Telephone IC DIP28
550007600	BA7604N	Video Switcher IC SIP10
550040520	CD4052	Dual 4Channel Analog Mux/Demux.DIP16
550054630	CS5463-ISZ	Single phase Energy measurement IC ssop2
550002011	DG201	CMOS Quad SPST Analog SwitchDIP16
550002012	DG201ABK	Quad SPST, CMOS Analog Switches DIP16
550002013	DG201ACJ	QuadCMOS analog switches,+/-22-V dip16
550004030	DG403DY	Analog Switch SOIC 16
540004180	DG418DY	-soic8
*550005080	DG508ACJ	CMOS analog multiplexr 8ch DIP16
550020160	HCTL2016PLC	Qudrature Decoder/counter 16bit PLCC20
550408210	HIP40821B	H bridge FET driver SOIC16
580001703	IDTQS3251S1	8:1 Analog MPX/DEMUX SOIC16
550021010	IR2101S	Hi low side MOSFET driver SOIC8
550040021	ISD 4002-120E	Voice Recorder 120sec 8kHz SR TSOP28
550040022	ISD 4002-180ED	Voice Recorder 180sec 5.3KHz SR TSOP28
550040020	ISD 4002-240EI	Voice Recorder 240sec 4KHz Ext TemTSOP28
550040032	ISD 4003-04ME	Voice Recorder 240sec 8kHz SR TSOP28
550040030	ISD 4003-04MEI	Voice Recorder 240sec 8kHz Ext TemTSOP28
550014200	ISD1420P	20sec Voice Recorder -DIP 28
*550006501	ISD4003-04	4 minutes Voice Record/Playback DIP28
520000006	LA7016	Electronic Switch VCR SIP-8
550753410	LC75341	Volume & Tone control system -DIP24
550758040	LC75804	1/4DutyLCD Disp.Drivrw/keyinputFuncSO100
580010528	LM3915	Dot Bar Display Driver Dip18
*550005550	LM555	Timing Circuit DIP8
580000086	LM555	Timer IC SOIC8
550005670	LM567CN	Tone decoder in 8-pin DIP8
550072330	LS7233	Touch Control Lamp Dimmer DIP8
*550000380	MAX038	High Frequency Waveform Gen.DIP20
550012321	MAX1232	?P Monitor w/ Reset & WDT soic8
*550016070	MAX1607	USB Current Limited Switch soic8
550003171	MAX317	precision analog switch soic8
550003180	MAX318	precision analog switch soic8
550003190	MAX319	precision analog switch soic8
550003230	MAX323	SPST precision Analog Switches soic8
550003242	MAX324	SPST precision Analog Switches soic8
550003250	MAX325	SPST precision Analog Switches soic8
550003582	MAX358CPE	Fault-ProtectedAnalogMultiplexersDIP16
550000712	MAX359CPE	4 Ch differential analogMUX DIP14
*550041720	MAX4172	Precision Current Monitoring soic8
550045410	MAX4541	dual Analog Switches soic8
*550004710	MAX471	High-Side Current-Sense Amplifiers soic8
550004720	MAX472	High-Side Current-Sense Amplifiers soic8
550007340	MAX734	12V,120mA Flash Mem.ProgramngSuplySO8
550007341	MAX734	12V,12mA Flash MemoryProgrmngSuplyso8

550140530	MC14053BCP	Analog Multiplexers/DemultiplexersDIP16
550144468	MC14468	Ionization Smoke detector DIP16
550000081	MUX08F	8Chan/Dual4ChanJFETAnalogMultiplxrDIP16
550000476	NE555	Timing Circuit DIP 8
550005560	NE556N	Dual 555 timer IC DIP14
550461011	RE46C101	Piezo Horn and LED Driver-DIP8
580011386	SAA7121H	Digital Video Encoder QFP 44pins
570000387	SP567P	Tone decoder in 8-pin DIP8
550000485	TA7343P	FM MPX Decoder SIP9
580001677	TMS1943NL	Clock Circuit DIP40
*550037060	UC3706DW	Dual High Speed MOSFET Drivers-SO16
550001000	VFC100BG	Voltage-to-Frequency Converter DIP16
550091030	X9C103P	DIGITAL POTENTIOMETER,CMOS,DIP,8PIN

### IC: Telecom Application

Item Code	PART NUMBER	Description
550014650	LH1465AAE	ISDN dc terminationSO16
580022496	LS1240A	Two Tone Ringer SOIC8
551454360	MC145436ADW	Dual Tone Multiple Freq. ReceiverSOIC 16
580022486	MC145436AP	Low Power DTMF Receiver DIP14
551455720	MC145572FN	ISDN U-interface transceiver PLCC 44
550145480	MC14LC5480DW	5V PCM codec-Filter SOIC 20
550331210	MC33121FN	LOW VOLTGE SUBSCRIBR LOOP PLCC 32
580022475	MT093AE	Analog Sw Array 8x12 DIP40
550000241	R24BKJ	MODEMCircuit 2400bpsV.26 bis1/2Duplex64P
550011000	SC11007CN	Parallel Bus Modem Controller DIP28
580010811	TCM5087	Tone Encoder DIP16
550001151	TR115	Telecomm switch DIP8

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## **IC: RF DEVICES**

Date Generated: 11/25/2011

**IC: RF Devices**

<b>Item Code</b>	<b>PART NUMBER</b>	<b>Description</b>
580011416	AS6001B	FM Stereo Transmitter soic 20
580000485	ATA3741P3	UHF ASK Receiver 300-450MHz SOIC20
550054280	ATA5428	Transceiver 434 and 868 MHz QFN48
580010963	ATA5812	315MHz UHF ASK/FSK Transceiver QFN48
580010962	ATA5823	315 MHz UHF ASK/FSK Transceiver FD QFN48
580011430	BH1418KN	FM Stereo Transmitter 28 pins
580010250	BU2614FS	PLL Freq Synthesizer for tuners SSOP16
550000440	KA2244	FM IF System SIP9
550721310	LC72131	AM/FM PLL Freq Synthesizer DIP22
570000324	LC7215	MW/LW PLL Frequency SynthesizersDIP14
540024800	LVCO2480T	RF Module 2.4GHz
580000376	M57710-A	156-160MHz 30W RF Module
580000379	M57786H	5 PINS
580000377	M67741H	150-175MHz 30W RF Module
580000383	M67741H	150-175MHz 30W RF Module
580000378	M68715	5 PINS
580000381	M68732UH-A	450-470MHz 7W RF Module 4 pins
580000380	M6873ZUH-A	4 PINS
580000382	M68762H	440-490MHz 30W RF Module
580010378	MAX2650EUS-T	DC-uWave LowNoise Amp 5V SOT-23
580011574	MC145155P2	PLL Serial Input single Mod Dip18
540060720	MHW607-2	146-174MHz 7W RF Amp Module
580001031	NSB3 DPX SAM BO	Antenna Switch
580010838	RF7168	Dual Band GSM900/DCS1800 Tx Module
570000474	S595T	TV Tuner Preamp SOT143 (595)
550000459	TA7358AP	FM Front End SIP9
550057370	TDA5737M	VHF/UHF Mixer Oscillator SOIC24
550055220	TSA5522T	1.4GHz I2Cbus synthesizer SOIC16
580020738	UC-1817	RF Module 900MHz
580010067	UC-1817BD463AI	900MHz VCO RF Module

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# **SENSOR COMPONENTS**

Date Generated: 11/25/2011

## IC Sensors

Item Code	PART NUMBER	Description
570000439	A1220LUA-T	Precision Hall Effect Latches 3V SIP3
540030600	A3060	Hall Effect Sensor AC Type
*580010799	ADXL335BCPZ-RL7CT-ND	Accelerometer 3 axis SMD
580011642	ADXL345BCC	Three-Axis Digital Accelerometer 14-LGA
580020115	ADXRS300AL	300deg/sec Gyros BGA
580010145	DS1922L-F5	Thermochron Temperature Data Logger 8K
550010210	HMC1021Z	Honeywell MagnetoResistive Sensor SIP8
580010314	KMA200	Programmable Angle Sensor 5 pins sot637
550005200	KMZ52 /T3	2 axis Magnetic Field Sensor soic16
580011643	KXPB5	3axis 2g accelerometers 3.3V 14-LGA
580011707	LM335	Precision Temperature to Voltage soic 8
580011467	LM34D	Temperature to Voltage Fahrenheit soic8
580010544	LM35	Temperature Sensor TO92
550000750	LM75A	Digital Temperature Sensor soic 8
550016170	NE1617A	Two Channel Temperature Monitor SSOP16
580001186	SCA1020-D01	Accelerometer IC PTI/i2c interface 2axis
580001245	SCA1020-D014A	Accelerometer IC PTI/i2c interface 2axis
580001185	SCA610-C28H1A	Accelerometer IC PTI 1axis
580001184	SCA620-CF8HA	Accelerometer IC PTI 1 axis

## Discrete Sensors

Item Code	PART NUMBER	Description
580000104	0.02 ohms	Current Sensor 0.02ohms 1% 2512
580000125	0.05 ohms	Current Sensor 0.05ohms 1% 2512
570000447	10	LDR 10mm
570000063	10K 5%	Thermistor SMT Chip NTC0805
580001662	330? 5%	THERMISTOR SMT 330 ohms 1206
580010918	470K	NTC Thermistor vishay 2322-640-63474
550000463	5	LDR 5mm
570000321	7	LDR 3 pin 7mm
580022472	A3144LU	Hall Effect sensor 3 pins
77002582	E2E-X5ME1 Inductive	E2E-X5ME1 Inductive proximity
550005120	EW-512	Hall Effect Sensor (asahiikeiki brand)
580000177	HW-101A	Hall Element SOT23 (D)
530000470	NTC 4.7	Thermistor NTC 4.7 ohms @ 25°C
580011303	SHT11	Humidity Sensor
580010821	ST-1KL3B	NPN Phototransistor

## Optoelectronics Sensors

Item Code	PART NUMBER	Description
520000037	BPW75	PIN Photo Diode
580000700	CNY70	IR Reflective Sensor 4 pins
77002052	E2E-X3D2-N inductive sen	Inductive sensor E2E-X3D2-N
*550221010	GP2Y0A21YK0F	Sensor Distance Measure 80cm analog
580010688	IR	Infrared Proximity Sensor
550000709	IRLA706	PHOTO INTERRUPTER
570000331	LS1	Photo emitter Infrared Tx/Rx
570000410	LS1	Photo Emmiter Visible Light Tx/Rx
77002863	PSE300-M Pressure sensor	PSE300-M Pressure sensor
580010986	Solar Cell	Solar Cell
540192240	TCST1030	Transistor out interrupter 3mm gap

540192310	TCST1230	Transistor out interupter 3mm gap
541944020	TCST2100	Photo Interrupter
550192270	TCST2202	Transistor out interupter w/flange
580010596	TCVT1300	Photo Interrupter Dual Sensor
520000202	VBPW20RF	Photo Diode 2 PIN
520000210	VBPW21R	Photo Diode 2 pin
77000404	VBPW76A	po2transistor VBPW76A
77002581	VBPw76B	po2transistor VBPW76B
77003221	VBPW77NB	po2transistor VBPW77NB
580010646	VBPW77NB	Phototransistor Narrow Angle
520001531	VS153P	Hi speed Hi sens PIN photodiode 2 pin

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# **SOLAR PANELS**

Date Generated: 11/25/2011

## Solar Panel

Item Code	PART NUMBER	Description
580010803	MW-802	Solar Panel 1W 65x112mm 5V
*77012680	solar	Solar panel 11x31x1mm 5V

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# **NPN TRANSISTORS**

Date Generated: 11/25/2011

## NPN Transistors

Item Code	PART NUMBER	Description
580011589	2n3055	Power Transistor NPN 15A 60V TO3
550239040	2N3904	40V 200mA 0.625W NPN T0-92
540260450	2N6045	100V 8A NPN Darlington TO220
580010359	2SB1219-0WL	30V 500mA 200MHz SOT-23
530112130	2SC1213	40V 500mA NPN Gen Purp TO-92
580001065	2SC1213A	50V 500mA 400mW GP NPN TO-92
580010036	2SC1623 (L6)	60V 0.1A 200mW 250MHz NPN SOT23
580000476	2SC2001	30V 700mA 170MHz NPN T0-92
550000456	2SC2076	40V 20mA 200MHz NPN TO92
580022451	2SC2099	60v 10A 25w 200MHz SWTO220ml
540222290	2SC2229	150V 0.05A 0.8W NPN TO-92 Mod
580011639	2SC2412K	50V 0.15A 180MHz 200mW SOT23
540227120	2SC2712GR(LG)	50V 150mA 150mW Gen Pupose NPN SOT
530227120	2SC2712Y(LY)	50V 150mA 150mW Gen Pupose NPN SOT
580010027	2SC2714O(Q-O)	30V 20mA 100mW 550MHz NPN SOT23
580010021	2SC2812 (L-6)	50V 130mA 250mW 100MHz GP NPN SOT23
580010015	2SC2814 (F-4)	30V 30mA 150mW 320MHz GP NPN SOT23
570000739	2SC2814 (F-5)	30V 30mA 320MHz NPN SOT-23
580010277	2SC2814F4-TB	30V 30mA 320MHz NPN SOT-23
570000323	2SC2873-Y	50V 2A 0.5W Switching 120MHz NPN SC62
580011614	2SC3052	50V 200mA 200MHz SOT23 (LF)
580011546	2SC3052-(LF)	50V 200mA 200mW 200MHz SOT23
580011553	2SC3052-(LF)	50V 200mA 200MHz NPN SOT23
540234190	2SC3419	40V 0.8A 5W 100MHz NPN
580011640	2SC3554-T1	300V 200mA 2W 50MHz SC-62
580010025	2SC3757 (2YR)	40V 100mA 200mW 450MHz SW NPN SOT23
580011615	2SC3928A	50V 200mA 200MHz SOT-23 (HR)
580001136	2SC3928A-T112-IR	50V 200mA 200mW 200MHz GP NPN sot23
580000972	2SC4181	60V 0.15A 150mW 250MHz NPN SC70
580010031	2SC4181-T1	60V 150mA 150mW 250MHz SW NPN SOT23
570000057	2SC5383T11-IF	50V 200mA 200MHz NPN SC-75
580011620	2SC5814	60V 125mA 200MHz SOT-23 (ER)
580022450	2SC5888	60V 10A 25W 200MHz Lo Sat NPNT0220
580011621	2SC5938A	50V 200mA 300MHz sot-23 (5A)
580011552	2SC6053 -(BF)	25V 650mA 150mW 290MHz NPN SOT23
580000460	2SC815	60V 200mA 200Mhz GenPurpose NPN T0-92
*550000454	2sC945	50V 100mA 250mW NPN GP TO92
580010017	2SD1048 (X-6)	15V 0.7A 200mW 250MHz SW NPN SOT23
580011591	2SD1257	130V 7A 40W 30MHz SOT-263
580011590	2SD1259	130V 3A 30W 25MHz SOT-263
580010030	2SD1383K (WB)	32V 300mA 200mW DARL NPN SOT23
550014140	2SD1414	80V 4A 20W Darlington NPN TO220
580011188	2SD1733	80V 1A 100MHz DPAK
580010697	2SD1758	40V 2A 10W 100MHz DPAK
580011166	2SD1766	40V 2A 1W 100MHz SOT-89
580001064	2SD1780	60V 2A 1W NPN
580000100	2SD1802T	50V 3A 1W 150MHz NPN Sanyo TP package
550026020	2SD602	30V 500mA 200MHz sc59
580011081	BC547	45V 500mA NPN T0-92
580011092	BC846BW	65V 100mA 100MHz SOT323(1B)
580020392	BC847BLTI	50V 0.1A 200MHz NPN SOT23
580001482	BC848CLT1	30V 100mA 100MHz NPN SOT-23 (1J)
*540002390	BD239A	60V 2A 30W NPN -TO220
*540002400	BD240A	70V 2A 30W NPN TO220
*540002410	BD241B	80V 3A 40W NPN TO220
*540002430	BD243C	100V 6A 65W NPN TO220
*540005430	BD543B	80V 8A 70W NPN-TO220

*540006470	BD647	80V 12A 62.5W darl NPN -TO220
550000650	BDV65A	80V 12A 125W NPN Darlington SOT93
580010457	BDW42	100V 15A 85W NPN Darl TO220
*540000730	BDW73D	120V 8A 80W npn darl TO220
580010455	BDW93C	100V 12A 80W darlington NPN TO220
*540000530	BDX53C	Darlington 100V,8A,60W TO220
550000670	BFQ67W-GS08	RF Transistors NPN 10V 50mA 8GHZ
580010422	BUJ101AU	700V 1.5A 50W NPN SOT533
580010420	BUJ202AU	850V 2A 40W switching NPN T0-220
540000840	BUX84	800V 2A 40W NPN Sw TO220
550004510	C451G	SO14
580010303	D1994AR	60V 1.5A 1W 200MHz MT2
540006510	FXT651	60V 2A 1W 175MHz NPN TO-92
580011099	FZT649TA	25V 3A 2W 100MHz NPN SOT-223
570000070	FZT651TA	60V 3A 2W 140MHz NPN SOT223
580011278	FZT690B	45V 3A 2W 150MHz NPN SOT223
550084900	FZT849	80V 7A 100MHz LoSat NPN SOT223
580011401	KSC1623YMTF	60V 100mA 200mW 250MHz NPN SOT-23 (C1Y)
540022220	KSP2222A	40V 0.6A 625mW NPN General Purpose TO-92
580011399	KST4401MTF	60V 600mA 350mW 250MHz NPN SOT23 (2f)
551300050	MJE13005	400V 4A 75W NPN Switching TO220
*540130090	MJE13009	400V 12A 100W NPN-TO220
*540150310	MJE15031	120V 8A 50W NPN-TO220
540180020	MJE18002	1000V 2A 25W NPN-TO220
*540030550	MJE3055T	60V 10A 75W NPN 2MHz-TO220
570000019	MMBT2222A	40V 1A 300MHz 350mW Hz NPN SOT23
580001435	MMBT3904LT1	40V 200mA 300MHz NPN SOT-23 (1AM)
570000054	MMDT2222A-7	40V 600mA 300MHz Dual NPN SOT363
580001581	MPS2222A	30V 0.6A 625mW NPN Gen Purpose TO92
580010063	MPS2369	40V 0.2A 625W NPN Sw TO92
580000068	MPSA13	30V 0.5A 625mW NPN Darlington NPN TO92
580010839	MPSA44RLRAG	400V 300mA 0.625W TO92
580011560	RT1C3904	40V 200mA 300MHz NPN SOT23
580010454	TIP100	60V 8A 80W Darlington NPN TO220
550001102	TIP110	60V 2A Darlington NPN TO220
580000035	TIP120	TO220 Darlington Transistor
540001221	TIP122	60V 5A 65W NPN Darlington TO220
540001370	TIP137	100V 8A 70W Darlington NPN-TO220
540000310	TIP31C	Silicon Power Transistor NPN TO220
540000410	TIP41C	EPITAXIALPLAAR NPN TRNSISTOR TO220
540000500	TIP50	400V 1A 2W switching NPN TO220
580010463	TIP50	500V 1A 40W SW NPN TO220
540007600	TIPL760A	1000V 4A 75W NPN switching TO220
550004511	ZTX451	80V 1A 1W med power NPN

### NPN Digital (Built-in Bias) Transistors

Item Code	PART NUMBER	Description
580011105	DTC114EE	50V 100mA 10K bias digital EMT3 (TL)
580011094	DTC115EE	50V 100mA 100K bias SOT-23
580011096	DTC115EM	50V 100mA 10K bias dig VMT3 (T2L)
580011095	DTC115EUA	50V 100mA 250MHz 100Kbias SOT23
580001741	DTC123TKA	50V 100mA 250MHz 2k2bias SOT-23
580011108	DTC143XE	50V 100mA 4.7KBias EMT-3
550001440	DTC144EK	Silicon NPN 50V/0.1A/0.2W/47/47K SOT23
570000049	DTC144EK	50V 100mA w/ 10K res NPN SOT23
580001086	DTC144WS	50V 0.1A 300mW 47K/24K NPN TO-92S
550003102	FJV3102RMTF	50V 0.1A w/10K+10K SOT-23 Transistor
580010276	FJV3105RMTF	50V 100mA 250MHz 4.7K Bias SOT-23
580010342	FJX3008RTF	50V 100mA 47K Bias SOT-23

570000047	PDTC114ET	50V 100mA w/ 10K res NPN SOT23
580011562	RT1N140C	50V 100mA 200MHz 10K+0 NPN SOT23
580011542	RT1N141C T112-1	50V 100mA 200MHz 10K+10K SOT23
580011556	RT1N144C T112-1	50V 100mA 200MHz SOT23 10K+47K NPN SOT23
580011548	RT1N14BC T112-1	50V 100mA 200MHz 0K+ 10K SOT23
580011557	RT1N15BC T112-1	50V 100mA 200MHz 0K+100K NPN SOT23
580011568	RT1N230C	50V 100mA 200MHz 2k2+0K NPNSOT23
580011545	RT1N237C T112-1	50V 100mA 200MHz 2k2+47K SOT23
580011550	RT1N241C	50v 100mA 200MHz 22K+22K SOT23
580011549	RT1N430C	50V 100mA 200MHz 4k7+0 NPN SOT23
580011565	RT1N430C	50V 100mA 200MHz 4k7+0K NPN SOT23
580011596	RT1N431C	50V 100mA 4k7+4k7 Dig SOT-23
580011566	RT1N432C	50V 100mA 200MHz 4k7+10K NPN SOT23
580011547	RT1N434C	50V 100mA 200MHz 4k7+22K SOT23
580011570	RT1N436C	50V 100mA 200MHz 4k7+47K NPN SOT23
580011543	RT1N441C	50V 100mA 200MHz 47K+47K SOT23

### NPN RF Transistors

Item Code	PART NUMBER	Description
550000465	2sC1215	20V 50ma 400mW VHF TO92
580010011	2SC2351	12V 70mA 250mW 4.5GHz LN NPN sot23
580009903	2SC2471	30V 50mA 310mW 2GHz NPN TO-92
580010029	2SC2714Y(QY)	30V 20mA 100mW 550MHz NPN SOT23
580010033	2SC2759 (U22)	30V 50mA 200mW 2GHZ NPN SOT23
580010013	2SC3127 (ID)	12V 50mA 150mW 4.5GHz LN NPN SOT23
580000977	2SC3130 (IS-R)	15V 50mA 1.9GHz NPN TO-236
580000976	2SC3356	12V 100mA 7GHz uWave NPN SC59
540337400	2SC33740	20V 20mA NPN 550MHz VHF/TV Tuner SOT
580010035	2SC3583 (R34)	20V 60mA 200mW 9GHZ LN NPN SOT23
580000978	2SC3704(2W)	10V 80mA 6GHz NPN TO-236
580010014	2SC3772(LY3)	12V 70mA 250mW 3GHz LN NPN sot23
580010010	2SC4095	10V 35mA 200mW 10GHz LN uWv NPN SOT23-4
580000980	2SC4095-R48	10V 35mA 10GHz uWave NPN TO-236
580010022	2SC4187 (R6C)	8V 5mA 50mW 4.0GHz LN NPN sot23
580010024	2SC4187 (R6C)	8V 5mA 50mW 4GHz LN uWave NPN SOT23
580010032	2SC4246-T5L	30V 50mA 100mW 1.5 GHz UHF NPN SOT23
580010023	2SC4464 (XP)	8V 5mA 50mW 2.5GHz NPN SOT23
580011619	2SC5619	20V 50mA 4.5GHz SOT-23 (GW)
580010346	BFG10W	1.9GHz UHF Power Transistor TSOP-4
540000590	BLV59	UHF Power Transistor 860MHz 30W
550000491	C2671	14V 80mA 5.5GHz UHF NPN TO92
580010034	XN1531 (9F)	15V 50mA 200mW 1.9GHZ Dual NPN SOT23

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# **PNP TRANSISTORS**

Date Generated: 11/25/2011

## PNP Transistors

Item Code	PART NUMBER	Description
570000318	2N3906	40V 0.2A 625mW PNP GenPurp
540260420	2N6042	8A 100V Darlington PNP TO220
580011091	2SA1020	50V 2A 900mW 100MHz PNP TO-92MOD
540211620	2SA1162Y(SY)	50V 150mA Gen Purp PNP T0236/SC59
580000459	2SA1175(M)-T	50V 100mA 180MHz AF driver PNP to-92
580010028	2SA1179(M-6)	50V 150mA 200mW 180MHz PNP SOT23
570000053	2SA1179M5-TB	50V 150mA 180MHz PNP SOT
570000056	2SA1179RM6-TB	50V 150mA 180MHz PNP SOT23
580010018	2SA1204Y-RY	30V 0.8A 0.5W 120MHz PNP SC-62
570000078	2SA1213-0	Sw PA 50V 2A 1W 120MHZ PNP SC62
580011563	2SA1235A	50V 200mA 200mW200MHz PNP SOT23
580001137	2SA1235A-T112-IF	60V 0.2A 0.2W 180MHz PNP SOT-23L
580010065	2SA1286	30V 1.5A 900mW PNP JEDEC T0-9x
580010357	2SA1330-T2B	200V 100mA 120MHz PNP SOT-23
570000393	2SA1413	600V 2A 2w PNP switching DPAK
580010287	2SA1510-TB	50V 100mA 200mW 250MHz PNP SOT-23
580011616	2SA1530A	50V 100mA 200MHz SOT23 TQ
580001742	2SA1576A	50V 0.15A 140MHz PNP SOT-323
550219550	2SA1955-B	12V 400mA 100mW gen purpose PNP SOT
580011475	2SA733	60V 100mA 250mW 180MHz TO92
580010283	2SA811A-T2B	120V 50mA 200mW 90MHz SOT-23
580000970	2SB1115(YK)	50V 1A 2W mini mold SMD
550011330	2SB1133	60V 3A 20W PNP Vert Dflexion TO220
580010020	2SB115 (YL)	10V 50mA 100mW PNP sot
580010671	2SB1184	60V 3A 15W 70MHz DPAK
580010026	2SB1204-S (RY)	50V 8A 1W 180MHz SW PNP TO-251
540012150	2SB1215	100V 3A 20W 180MHz PNP DPAK
580011187	2SB1261	60V 3A 2W 50MHz DPAK
580000099	2SB1269S	50V 7A 40W 10MHz PNP TO-221
580010261	2SB1316	100V 2A 10W 50MHz DPAK
580010449	2SB1645	160V 8A 100W darlington PNP TO220
580010693	2SB1721	90V 7A 1.65W 20MHz PNP T0-220MF
580010019	2SB624 (BV3)	25V 0.7A 200mW 160MHz SW PNP SOT23
530006470	2SB647	80V 1A 140MHz PNP Transistor
580010016	2SB815 (B6)	15V 700mA 200mW 250MHz SOT23
580010660	2SB906	60V 3A 20W 9MHz DPAK
550012830	A1283	60V 1A 900mW PNP
540003270	BC327P	45V 500mA gen.purpos PNP TO-92
580020394	BC857BW	50V 0.1A 100MHz PNP SOT323
570000020	BCX53	80V 1A 50MHz 1.2W PNP SOT89
580011431	BCX53-16	80V 1A 1W 125MHz SOT223
580011165	BCX56-16	100V 1A 1W 150MHz SOT-89 (BD)
*540002420	BD242C	100V 3A 40W PNP -TO220
*540005440	BD544B	80V 8A 70W PNP -TO220
*540006480	BD648	80V 12A 62.5W darl PNP -TO220
550090150	C9015	50V 150mA 625mW PNP G Purpose TO92
550007200	FMMT720TA	40V 1.5A PNP SOT23
570000025	FMMTA92TA	300V 200mA 330mW 60MHz PNP SOT23
580010309	FZT749	25V 3A 2W 100MHz PNP SOT-223
570000066	FZT751TA	60V 3A 2W 140MHz PNP SOT223
580011351	FZT790A	40V 3A 2W 100MHz SOT223
570000023	FZTA92TA	300V 500mA 2W 50MHz PNP SOT223
580011617	ISA1235AC1	60V 200mA 200MHz SOT-23 (MF)
580011551	ISA1235AC1-(MF)	60V 200mA 200mW 200MHz PNP SOT23
580011618	ISA1530AC1	60V 150mA 200MHz SOT-23 (TR)
580000101	KSP92	300V 500mA 1.5W 50MHz TO-92
580011400	KST3906MTF	40V 200mA 350mW 250MHz PNP SOT23 (2A)

540029070	MPS2907	40V 0.6A 650mW PNP G purpose TO92
540041260	MPS4126RLRA	25V 0.2A 625mW gen purpose PNP TO-92
580001033	MPSA56	80V 0.5A 625mW GP PNP TO92
570000055	PMBT2907A	60V 600mA PNP switching SOT23
580011561	RT1A3906-(2W)	60V 200mA 150mW 250MHz PNP SOT23
580010358	SMBT3906	40V 200mA 250MHz PNP SOT-23
580001744	SMBTA64	30V 500mA 125MHz PNP Darl SOT-23
540001170	TIP117	100V 2A 50W PNP Darlington TO220
540001270	TIP127	100V 5A 2W PNP -TO220
540000320	TIP32C	PNP SILICON POWER TRANSISTORSTO220
540000420	TIP42C	100V 6A 65W 3MHz PNP TO220
540005530	ZTX553	120V 1A 1W PNP TO-92
540007900	ZTX790	40V 2A 1.5W hi gain PNP TO-92

### PNP Digital (Built-in Bias) Transistors

Item Code	PART NUMBER	Description
580011093	DTA115EUA	50V 100mA 100K bias 250MHz SOT-23
580011298	DTA124ES	50V 100mA 22K+22K Bias PNP TO92
580010012	PDTA114EK (14)	50V 100mA 10K res PNP SC59
580011600	RT1P136C	50V 100mA 1K+10K PNP SOT-23
580010583	RT1P137L	40V 1A 900mW 130MHz 1K/22K PNP TO-92E
580011544	RT1P141C T112-1	50V 100mA 150MHz 10K+10K SOT23
580001139	RT1P141C-T112-1	50V 0.1A w/ 10K res PNP SC59
580011554	RT1P144C	50V 100mA 150MHz 10K+47KSOT23
580011555	RT1P14BC	50V 100mA 150MHz 0K+10K PNP SOT23
580011598	RT1P234C	50V 100mA 150MHz 2k2+10K SOT-23
580011597	RT1P237C	50V 100mA 150MHz 2k2+47K SOT-23
580011599	RT1P434C	50V 100mA 150MHz 4k7+22K SOT-23
580011637	UNR211000L	50V 100mA 150MHz 47K PNP SOT23

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# **NPN-PNP COMPOUND TRANSISTORS**

Date Generated: 11/25/2011



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## **SCR & TRIACS**

Date Generated: 11/25/2011

## SCR

Item Code	PART NUMBER	Description
*550001450	BT145	800V 25A 35mA IGT Thyristors TO220
*550001510	BT151	500V 12A 15mA IGT Thyristors TO220
*550001060	CP106D	TICP106D 2A 400V SCR
550202000	FS0202DA	*400V 1.2A sensitive gate SCR TO92
550000120	MCR12LD	400V 12A SCR TO220
540000250	MCR25N	25A 800V SCR-TO220
540000080	MCR8SN	800V 8A SCR TO220
580011634	P0111MN5AA4	600V 0.8A Sensitive Gate SCRs SOT 223
*550004020	S402ES	*400V 1.5A Sensitive Gate SCR TO92
550048000	S4X8ES1	*400V 0.8A Sensitive Gate SCR TO92
550000680	S6X8ES	*600V 0.8A Sensitive Gate SCR TO92
580011629	S6x8TS	600V Series 0.8A Sensitive Gate SO-T669
*540001060	TIC106	400V 5A SCR IGT200uA TO220
*550001160	TIC116M	SCR.600V 8A TO220
540001120	TYN112	100V 12A SCR -TO220

## TRIACS

Item Code	PART NUMBER	Description
*550010850	ACS1085S	*AC Switch 500V 0.8A TO92
580010050	BT131 600	600V 1A Logic TRIAC TO92
570000450	BT134	4A 500V TRIAC SOT82
550001361	BT136 600E	Triacs sensitive gate 500V 25A TO220
580011534	BT136B-600E	4A 600V Sensitive Gate SOT263-3-2
550000488	BT137	600V 8A TRIAC TO220
540001380	BT138	600V 12A Triac -TO220
550000487	BT139	500V 16A Hi noise immunity TRIAC TO220
540000101	BTA10 600BW	800V 10A TRIAC -TO220
540000081	BTB08?	8A 600V TRIAC -TO220
540002040	CQ204	600V 4A TRIAC-TO220
*540002200	CQ220	16 Amp. Triac 600 Thru 800 volts TO220
540002280	CQ228	400V 8A TRIAC -TO220
550001071	L0107DE	*400V 1A TRIAC TO92
550008030	LX803DE	*400V 0.8A sensitive gate TRIAC TO92
550008070	LX807ME	*600V 0.8A sensitive gate TRIAC TO92
580010459	MAC12M	600V 12A TRIAC TO220
540000151	MAC15M	15A 400V Triac-TO220
580010462	MAC16M	600V 16A TRIAC TO220
550000080	MAC8N	400V 8A TRIAC-TO220
580010461	MAC8SM	600V 8A TRIAC TO220
540000970	MAC97?	Sensitive gate Triac 200V 0.8A TO-92
580010447	MAC9NG	400V 8A TO-220
580010886	T835-600G	Triac 8A 600V D2PAK
*550001260	TIC126D	SCR 400V/12A/20mATO220
550001261	TIC126M	SCR 600V/12A TO220
*540002060	TIC206M	400V 4A IGT25mA -TO220
*540002160	TIC216M	Triac 600V/6A/5/10mA TO220
550002251	TIC225N	800 V, 8 A, silicon triac TO220
55000103	Z0103MA	*600V 1A TRIAC TO92
580010058	Z0607	600V 0.8A TRIAC TO92

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# **IGBT, FET & MOSFETS**

Date Generated: 11/25/2011

**IGBTs**

<b>Item Code</b>	<b>PART NUMBER</b>	<b>Description</b>
550013000	1MB1300N	IGBT
580011441	20N36GVL	20A 360V N-CH Igic level IGBT T0-263
550021750	2MB175M-120	IGBT
550751202	BSM75GB120DN2	1200V 105A half bridge IGBT
580010823	G30N60	600V 75A 463W IGBTTO-247
580000022	IRG4PC40C	600V 27A 160W IGBT NCh T0-247AC
*550004400	IRG4PC40U	40A 600V w/o diode TO247(B)
550004503	IRG4PC50FD	600V 70A IGBT+DIODE TO-247AC
580000018	IRG4PC50UD	600V 27A 200W NCh IGBT TO-247AC
*550004502	IRG4PC50UP	55A 600V w/o diode TO247(B)
*550004501	IRG4PF50W	51A 900V (short lead) w/o diodeTO247(A)
*550004500	IRG4PF50WD	51A 900V with diode TO247 (B)
580000011	IRG4PF50WD	3 PIN 51A 900V 200W +10%
550142120	IRKT142/12	IGBT 1200V 140A INT-A-PAK
551502510	MG150Q2YS51	1200V 200A half bridge IGBT
550502500	MG50Q2YS50	1200V 50A half bridge IGBT
*540020400	MGP20N40CL	400V 20A 150W N IGBT-TO220
580010443	SKA06N60	IGBT N Channel 600V 9A 32W TO220
550142121	TT142N12KOF	1200V 140A IGBT
550142123	TT142N12KOF3KD	IGBT
551421256	TT142N12KOF5K6	1200V 140A half bridge
551421261	TT142N12KOF6L1	1200V 140A half bridge IGBT
580011443	V3040P	300mJ 400V N-Channel Ignition IGBT
580011625	V503GS	500mJ 360V NChannel Ignition IGBT SOT263

**FETs**

<b>Item Code</b>	<b>PART NUMBER</b>	<b>Description</b>
580011685	2N3819	25V VHF/UHF Amp N JFET TO92
550025457	2N5457FS	JFET N-Chan 10mA TO-92
580001123	2N5461	40V PChannel General Purpose JFET TO92
580011674	2N5484	25v RF AMP N JFET TO92
580011650	2N5485	25V RF Amp N JFET TO92
550260470	2N6027	Thyristor prog. Unijunc 40V TO-92
580010009	2SK209-GR (X-G)	50V 150mW N Ch JFET SC-59
580010286	2SK968	High Frequency JFET SOT-23
580011690	J105	25V 3R N JFET switching TO92
580011678	J106	25V 6R N JFET Switching TO92
580011658	J108	25V 8R N JFET Switch TO92
580011667	J109	25V 12R N JFET Switch T0-92
580011652	J110	25V 18R N JFET Switch TO92
580011656	J111	30V 30R N JFET Switch TO92
560001120	J112	FET 35V 30mA NCh TO92
580011655	J113	30V 100R N JFET Switch TO92
580011646	J174	30V 85R P JFET Switch TO92
580011664	J175	30V 125R P JFET Switch TO92
580011665	J176	30V 250R P JFET Switch TO92
580011662	J177	30V 300R P JFET Switch TO92
580011673	J201	40V GP N JFET TO92
580000167	J202	N-Channel General Purpose JFET TO92
580011676	J210	25V GP N JFET TO-92
580011687	J211	25V Gen Purpose N JFET TO92
580011657	J270	30V 350mW PCh Switch TO92
580011679	J304	30V RF Amp N JFET TO92
580011668	J305	30V RF Amp N JFET TO92

580011682	J309	25V RF Amp N JFET TO92
580011669	J310	25V RF Amp JFET TO92
580011681	J500	0.24mA Current Regulator TO92
580011692	J501	0.33mA Current Regulator TO92
580011684	J502	0.43mA Current Regulator TO92
580011675	J503	0.56mA Current Regulator TO92
580011647	J505	1.0mA Current Regulator TO92
580011680	J506	1.4mA Current Regulator TO92
580011666	J507	1.8mA Current Regulator TO92
580011660	J508	2.4mA Current Regulator TO92
580011677	J509	3mA Current Regulator TO92
580011659	J510	3.6mA Current Regulator TO92
580011670	J511	25V 4.7mA Constant Current JFET TO92
580001699	K192A	VHF JFET TO92
580011672	PN4117A	40V GP N JFET TO92
580011671	PN4118A	40V Low Leakage GP N JFET TO92

### N Channel MOSFETS

Item Code	PART NUMBER	Description
580022493	02N50C3	560V 1.8A 3R NCh DPAK
580010428	02N60	600V 2A 4ohm N Ch
580010406	02N60S5	600V 1.8A 3 ohms N Ch
580000013	03N60S5	600V 0.7A 1.4A N Ch DPAK
540046020	04N60C2	600V 4A 0.95 ohms N Ch TO220
540046030	04N60C3	600V 4A 0.95 ohms N Ch TO220
580000025	04N60S5	600V 0.8A 0.95ohms NCh DPAK
580010262	06N03L	30V 0.006R 50A NCh DPAK
530006030	06N03L	30V 50A 0.0059 ohms Logic Lvl
580000009	06N03L	25V 0.0057 ohms 50A N Ch DPAK
540076020	07N60C2	600V 7A 0.6 ohms N Ch TO220
540076030	07N60C3	600V 7A 0.6 ohms N Ch TO220
580011407	07N60C3	650V 7.3A 0.6R DPAK
540076050	07N60S5	600V 7A 0.6 ohms N Ch TO220
580010696	09N03L	30V 0.009R 40A Nch DPAK
580000010	09N03L	25V 0.0086 ohms 50A N Ch DPAK
580000026	09N05	55V 9.2A 0.1ohm Nch DPAK
550116020	11N60C2	650V 11A 0.38 ohms N Ch TO220
540011603	11N60C3	650V 11A 0.38 ohms N Ch TO220
580010411	11N60S5	600V 11A 0.38ohms N Ch TO220
*540012030	12N03L	30V 30A 0.014 ohms Logic N Ch Dpak
580000014	12N03L	30V 0.0116 ohms 30A N Ch DPAK
580000015	13N03LA	25V 30A 0.0128ohms NCh DPAK
580010441	13N03LA	25V 30A .0128 ohms N Ch T0-251
580000012	14N03L	25V 0.00136 ohms 30A N Ch DPAK
550020034	20N03L	30V 20A 0.027 ohms Logic N Ch DPAK
540206020	20N60C2	600V 20A 0.19 ohms N Ch TO220
580011113	20N60C3	650V 0.19R 20.7A NCh T0220
580011225	20N60C3	650V 20A 0.19R NCh SOT263-3-2
540206050	20N60S5	600V 20A 0.19 ohms N Ch TO220
540203101	2N03L10	30V 30A Logic N Ch
540270000	2N7000	60V 2A N ch T0-92 gen.purpose mosfet
580011699	2SK1725-AZ	30V 1A 0.5R Hi Speed SIL-3
580010502	2SK2018	60V 10A 0.1R NCh DPAK
77005603	2SK209-GR(XG)	SMT 2SK209-GR(XG)
580001077	2SK2182	500V 3A 1.8 ohms NCh TO-220
580011325	2SK3225	60V 34A 0.027R Nch Logic T0251
580011337	2SK3918	25 48A 0.0075R NCh DPAK
77005626	2SK431IH(HD)	SMT transistor 2SK431IH(HD)
*540032030	32N03L	30V 32A Logic NCh -TO220

540753390	75339P	55V 75A 0.012 ohms N Ch TO220
580022468	AOD452AL	25V 55A 0.0085R Logic NCh DPAK
580010796	B4NK60Z	600V 4A 2R NCh TO220
580011301	B6NK60Z	600V 6A 1.2R Nch SOT263-3-2
580022490	BS107	200V 250mA 14R Nch TO-92
550001700	BS170KL	*60V 0.47A 4 ohms Nch TO92
580010282	BSH114	100V 0.85A 0.5R N Ch SOT-23
580011078	BSP135	600V 60R 0.12A NCh SOT-232
580001066	BSS125	600V 0.1A 600ohms N Ch TO92
580011628	BSS135	600V 0.08A 60R NCh TO-92
580011118	BSS138	50V 0.22A 3.5R Logic NCh SOT23
550076160	BUK7616	55V 65.7A 0.016ohms N Ch DPAK
580011074	BUK9222	55V 48A 0.022R Logic Nch Dpack
580011635	BUK9Y40-55B	55V 16A 0.036R Logic NCh SOT669
540000512	BUZ51	1000V 3.4A 4ohms N Ch-TO220
550000710	BUZ71A	50V 13A 0.12 ohms N Ch TO220
540000910	BUZ91	600V 8.5A 0.8ohms N Ch-TO220
580011104	ECH8401-TL	20V 10A 0.009R Logic ECH8
540010100	F1010E	60V 84A 0.012ohms NChTO220
580011010	F5018	40V 8A 0.14Rinteli Mosfet DPAK
580011269	FDB7030L	30V 80A 0.007R Logic NCh SOT263-3-2
580011623	FDB8869	Mosfet N Channel 30V 93A SOT-263
580011390	FDB8874	30V 121A 4.7 Ohms N-CH Mosfet SOT263-3-2
580011450	FDB8874	30V 121A 0.0047Ohms Logic N-CH TO 263AB
570000463	FDB8880	30V 54A 11.6mOhms N-Chanel Mosfet SOT263
580011393	FDD8880	30V 58A 0.009R NCh Logic DPAK
580011444	FDP7030BL	60A 30V N-Channel Mosfet TO220
580011447	FDP8880	30V 54A 11.6 Ohms N-Channel Mosfet TO220
550000481	FDS2170N7	200V 3A 0.128ohms NCh SO8
550000452	FDS7060N7	30V 19A 5mohms Nch SO8
550000443	FDS7064N	30V 16A 7.5mohms Nch SO8
550000458	FDS7066N3	30V 23A 5.5mohms Nch SO8
550000453	FDS7088N3	30V 21A 4mohms Nch SO8
550000471	FDS7096N-3	30V 14A 0.009ohms N Ch DIP8
580010311	FDT457N	30V 5A 0.06R N Ch SOT-223
540752290	HUF75229P3	50V 0.022ohms 44A N Ch -TO220
580011437	HUF75344S	75A 55V 0.008 Ohms Power Mosfet TO220
580011449	HUF75345P	75A 55V 0.007 Ohms N-CH Power Mosfet
580011439	HUF75645P	75A 100V 0.014 Ohms Power Mosfet TO220
580011601	INK0001AC1	50V 100mA 3.5R NCh SOT-23 (K1)
580011602	INK0002AC1	30V 200mA 1.1R NCh SOT-23
580010801	IPB06N03LA	25V 50A 0.0059R NCh TO263-3-2
580000016	IPF06N03LA	25V 0.0057 ohms 50A N Ch DPAK 3 PIN
540002450	IRF245	250V 13A 0.13 ohms N Ch TO220
540032050	IRF3205	55V 110A 0.008 ohms N Ch TO220
540037100	IRF3710	100V 57A 0.023 ohms N Ch TO220
540005100	IRF510	100V 4A 0.54 ohms N Ch TO220
580020010	IRF511	80V 4.9A 0.54R NCh TO220
*540000520	IRF520	100V 10A 0.115 ohms N Ch TO220
550005300	IRF530	100V 16A 0.16 ohms N Ch TO220
540006100	IRF610	200V 3.3A 1.500Ohm,N-Ch
540006300	IRF630	200V 9A 0.4 ohms N Ch TO220
540006400	IRF640	200V 18A 0.18 ohms N Ch SOT263-3-2
550007300	IRF730	400V 5.5A 0.75 ohms N Ch -TO220
540007400	IRF740	400V 10A 0.48 ohms N Ch TO220
550078110	IRF7811A	28V 9.1A 0.012ohms N Ch SOIC8
540008200	IRF820	500V 4A 2.5 ohms N Ch TO220
550083000	IRF830	500V 4.5A 1.5 ohm 74W NCh TO220
540008400	IRF840	500V 8A 0.75 ohms N Ch -TO220
570000335	IRFB260N	200V 56A 0.04ohm N Channel TO-220
540000300	IRFBC30	600V 3.6A 1.8 ohms N Ch -TO220
550000400	IRFBC40	600V 6.2A 1.2ohms NCh-TO220

540000200	IRFD020	50V 2.4A N Ch DIP4
540001100	IRFD110	100V 1A 0.6 ohms N Ch DIP4
540001130	IRFD113	60V 0.8A N Ch DIP4
540002100	IRFD210	0.6A, 200V, 1.500 Ohm, N-Channel DIP4
540002201	IRFD220	200V 0.8A 0.8 ohms N Ch DIP4
540003200	IRFD320	400V 0.5A 1.8 ohms N Ch 4-pin
540004200	IRFD420	500V 0.37A 3.0 ohms N Ch DIP4
540000201	IRFDC20	600V 0.32A N Ch DIP4
580011205	IRFR024N	55V 17A 0.075R DPAK
580010296	IRFR220	200V 4.6A 0.8R NCh Dpack
580011213	IRFR2407	75V 42A 0.026R NCh DPAK
580011198	IRFR3704	20V 0.0095R 75A Logic NCh DPAK
580022498	IRFR420A	500V 3.3A 3R NCh DPAK
580022474	IRFR430A	500V 5A 1.7R NCh DPAK
580011352	IRFR640	N Channel Mosfet 200V 0.150ohms 18ATO220
580011348	IRFR7843	30V 161A 0.0033R NCh DPAK
580022473	IRFU024N	55V 17A 0r075 Nch IPAK
580022471	IRFU420B	500V 2.3A 2r6 NCh TO251 IPAK
540000240	IRFZ24N	55V 17A 0.07 ohms N Ch TO220
540000340	IRFZ34N	55V 26A 0.04 ohms N ch TO220
540000460	IRFZ46N	55V 53A 0.0165 ohms N Ch TO220
550048001	IRFZ48V	60V 72A 0.012 ohms NCh TO220
540000140	IRLD014	60V 1.7A 0.2 ohms N Ch dip4
540000241	IRLD024	60V 0.10ohm N Ch DIP4
550001200	IRLD120	100V 1.3A 0.27 ohms Logic N Ch DIP4
580011236	IRLR7821	30V 0.01R NCh Logic DPAK
550022461	ISL9N302AP3	30V 75A 0.0019R Logic Nch TO220
580001700	K161	18V 10mA LN JFET TO-92
580011222	K3919	25V 64A 0.0056R Logic NCh DPAK
540001061	L1N06CL	62V 1A 0.75 ohms logic Nch TO220
540022030	L2203N	30V 116A 0.007 ohms N Ch-TO220
580011097	MMBF170LT1	60V 0.5A 5R NCh SOT-23 (6Z-W)
550012101	MTP12N10E	100V 12A 0.16ohms NCh-TO220
550013060	MTP1306	30V 75A 0.006Ohms NCh-TO220
550015060	MTP15N06VL	60V 15A 0.085 ohms Logic NCh-TO220
550020150	MTP20N15E	150V 20A 0.15ohms NCh -TO220
550020200	MTP20N20E	200V 20A 0.16ohms NCh-TO220
550027060	MTP27N06	60V 27A N Ch-TO220
550029550	MTP2955V	60V 12A 0.25ohms NCh-TO220
550031000	MTP3N100E	1000V 3A 4ohms NCh-TO220
550031200	MTP3N120E	1200V 3A 5ohms NCh-TO220
*550050060	MTP50N06	60V 50A N Ch-TO220
*550052060	MTP52N06VL	60V 52A 0.02ohm N ch -TO220
550060060	MTP60N06HD	60V 60A 0.014ohms NCh -TO220
550075050	MTP75N05HD	50V 75A 0.009 ohms NCh-TO220
540075060	MTP75N06L	60V 75A logic N Ch-TO220
540007200	MTP7N20	200V 7A 0.7ohms N Ch TO220
550008501	MTP8N50	500V 8A 0.75 ohms NCh -TO220
540060510	NDP6051	48A 50V 0.022 ohms N CH-TO220
580010310	NDT3055	60V 4A 0.1R NCh SOT-223
550018060	NTP18N06L	60V 18A 0.08ohms Logic NCh-TO220
580010366	NTP27N06	60V 27A 0.046ohms NCh TO220
550052100	NTP52N10	100V 52A 0.03ohms NCh-TO220
550006500	NTP6N50	500V 6A 1.7ohms NCh-TO220
550008500	NTP8N50	500V 8A 0.75 ohms NCh -TO220
580011214	P0903BDG	25V 0.0095R 50A Logic NCh DPAK
580010759	P140NF55	55V 80A 0.0065R NCh TO220
580011307	P1703BDG	25V 0.014R 46A Logic Nch DPAK
580011217	P3055LD	25V 12A 0.05R NCh Logic DPAK
540030060	P30N06	60V 30A N Channel-TO220
540003600	P3NB60FP	600V 2.2A 3.6ohms N Ch -TO220
540049010	P4NA90F1	900V 2.2A 4ohms N Ch -TO220

540055050	P55N05	50V 55A 0.023 ohms N Ch -TO220
540000550	P55NE06	60V 55A 0.022 ohms N Ch -TO220
580011194	P75N02LDG	25V 0.005R 75A Logic NCh DPAK
580011306	P75N02U	25V 75A 0.005R Nch Logic DPAK
540000720	P7N20F	200V 7A 0.7 ohms N Ch TO220
540008000	P80NE06	60V 80A 0.01 ohms N Ch -TO220
580011641	PH8030L	30V 76.7A 0.0059R NCh SOT669
580011533	PHB101NQ04T	40V 75A 0.008R NCh SOT263-3-2
580010527	PHB11N06LT	55V 11A 0.13ohms N Ch SOT-404
580011245	PHB27NQ10T	100V 28A 0.05R NCh SOT263-3-2
580011201	PHB55N03LTA	25V 55A 0.014R Logic NCh SOT263-3-2
580011309	PHD50N03LT	25V 48A 0.016R NCh Logic DPAK
580011193	PHD78NQ03LT	25V 75A 0.009R NCh SO263-3-2
580021007	PHN210T	Dual MOSFET 30V 3.4A 0.01R NCh soic8
570000500	PHP54N06T	55V 54A 0.02ohms N Ch T0-220
580011079	PHP55N03LT	25V 55A 0.014R Logic NCh T0220
580011202	PHU78NQ03LT	25V 75A 0.0009R NCh Logic T0-220
550001451	Q1NC45R	*450V 0.5A 4.5OHMS Nch TO92
540070060	REP70N06	60V 70A 0.014 ohms N Ch TO220
550020350	SGP20N35CL	350V 20A Logic NCh -TO220
580010729	SI4386DY-TI-E3	30V 16A 0.007R Nch soic 8
540060060	SMP60N06	60V 60A 0.023 ohms N Ch T0220
580000019	SPB03N60S5	600V 3.2A 1.4 ohms NCh DPAK
580000021	SPN02N60S5	600V 0.4A 3 ohms N Ch DPAK
580010408	SPP03N60S5	600V 3.2A 1.4ohms N Ch TO220
580000020	SSP6N60A	600V 6A 1.2ohms NCh TO220
580010526	STD1NC6	600V 1.4A 7ohms N Ch TO-251
580011375	STD2HNK60Z	600V 2A 4r4 NCh IPAK
580011176	STD4NK50Z	500V 2.7R 3A DPAK
580022488	STD4NK60Z	600V 4A 1.76R NCh DPAK
77008094	STD5NE10	Mosfet transistor STD5NE10 (NEW)
540051040	STD5NE10	100V 5A 0.32ohm N Ch TO-252
580020235	STD5NE10T4	100V 5A 0.32R N Ch DPAK
580011376	STD8NM60N	650V 0R65 7A NCh DPAK
580011288	STN1NB80	800V 16R 200mA SOT223
580010836	STP36NF06L	60V 30A 0,032R NCh T0-220
540008001	STP80NE03L	30V 80A 6mohms Nch -TO220
550024040	TN2404KL	*240V 0.2A 4 ohms N Ch TO92
580010775	UPA1901TE	30V 6.5A 0.039R Nch SC-95/6
580010144	VN0610L	60V 0.27A 5 ohms NCh TO92
580010060	VN10KLS	60V 0.31A 5 ohms N Ch TO92
580011691	VN2010L	200V 0.19A 10R Logic NCh TO92
580011648	VN2410LS	240V 10R NCh TO92
550004206	ZVN4206GTA	60V 0.6A N Ch SMT Eline

### P Channel MOSFETS

Item Code	PART NUMBER	Description
540001220	2SJ122	60V 10A 0.2 ohms P Ch TO220
580010677	2SJ377	60V 5A 0,16R PCh DPAK
580010692	2SJ598	60V 12A 0.13R P Ch DPAK
580011592	2SJ599	60V 0.075R Logic PCh DPAK
580001743	2SJ621-T1B	12V 3.5A 44mR PCh SOT-23
550002500	BS250KL	*60V 0.27A 6 ohms PCh TO92
580011653	BSS92	200V 100mA 20R PCh TO92
580010876	BUK205-50Y	50V 15A High Side SW SOT426-5
580010338	FDG316P	30V 1.6A 0.19R PCh TSOP-6
570000060	FDN336P-NL	20V 1.3A 0.2ohms P Ch 2.5V VGS SOT23
580021008	FDS9933A	Dual Pch 20V 3.8A 0.075R soic8
550074040	IRF7404	20V 6.7A 0.04ohm PCh SOIC8

580000162	IRF9530	100V 12A 0.3R PCh T0220
540090140	IRFD9014	60V 1.1A 0.5 ohms P Ch DIP4
540090200	IRFD9020	50V 1.6A 0.28 ohms P Ch DIP4
540090240	IRFD9024	-60V 1.6A 0.28 ohms P Ch dip4
540091100	IRFD9110	100V 0.7A 1.2 ohms P Ch DIP4
540092100	IRFD9210	200V 0.4A 3 ohms P Ch DIP4
540092200	IRFD9220	-200V 0.56A 1.5 ohms P Ch DIP4
580010213	IRFR5505PBF	55V 0.11R 18A Pch DPAK
580011293	MTP2P50EG	P-Channel Mosfet 500V 2A 6ohms TO220
580010351	NDS352P	20V 0.85A 0.46R Logic PCh SOT-23
580010313	NDT2955	60V 2.5A 0.3R P Ch SOT-223
580011186	NDT2955V	60V 2.5A 0.3R Logic PCh DPAK
580010312	NDT452A	30V 5A 0.065R Logic PCh SOT-223
580011058	P4402FAG	20V 5A 0.044R PCh TSOP-6
580010336	P5103EAG	30V 5A 0.051R PCh TSOP-6
580011209	PHU66NQ03LT	25V 57A 0.01R Logic NCh IPAK
580011106	SSM6J21TU	12V 3A 0.088R 2.5VGate Pch TSOP-6
580011107	SSM6P26TU	20V 0.5A 0.33R 2.5VGate TSOP-6
580001735	UPA1918TE-T1	60V 3.5A 0.143R PCh Logic sc95-6
580010231	VP0109N3	90V 0.5A 8 ohms P Ch TO-92
580010066	VP0300LS	30V 0.5A 2.5 ohms PCh MOSFET TO92

#### **N/P Channel MOSFETS**

<b>Item Code</b>	<b>PART NUMBER</b>	<b>Description</b>
580021004	AP4500M	20V 6A N/P Channel SOIC8

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## **DIODES & RECTIFIERS**

Date Generated: 11/25/2011

## Diodes & Rectifiers

Item Code	PART NUMBER	Description
580001032	1N4002	SMT 100V 1A Rectifier Diode
77007835	1N4007	Diode (1N4007)(new)
580001287	1N4007	700V 1A Rectifier Diode
*540041481	1N4148	ZENER DIODE standard size
580001571	1N4148	Switching Diode 75V 300mA
580001586	1N4148	1N4148 mini
77007836	1N4606	diode 1N4606
77011852	1n5400	50V 3A Rectifier D0-201AD
*580001289	1N5400	50V 3A Rectifier Diode
520000305	1N5402	3A 200V DIODE DO-201
520000306	1N5403	3A 300V DIODE DO-201
520000307	1N5404	3A 400V DIODE DO-201
580010648	1N60	Germanium Diode
580001290	3A/400V	400V 3A Rectifier Diode
77010591	3pha206b	3pha206b diode
580020389	BA779S	RF PIN Diode SOT23
580010356	BAS16	85V 200mA Switching Diode SOT-23
570000036	BAV102	250V 250mA Gen Purpose Diode SOD80
570000024	BAV203	250V 250mA Switching diode SMT SOD80
570000058	BAV99LT1	70V 215mA Dual sw diode SOT-23
540000010	D1JA?	Four Diode array 200V 1A sip5
77006403	E62320	bridge rectifier
570000044	GL41M	1000V 1A Rectifier SMD DO213AB
580000475	HER 303-B-D-R01	200V 3A Diode
580011014	HER305	Rectifier Diode 400V 3A
580011661	JPAD5	Low leakage Picoamp Diode TO92
580011663	JPAD50	50pA Irmx Pico Amp Diode TO92
77006404	kbp3502	bridge rectifier
540011030	MAD1103	Diode Array 14_PIN_DIP
580001138	MC2838-T112-I	50V 0.1A Dual Switching Diode SOT-23
520000308	P600A	6A 50V Rectifier Diode
520006000	P600B	Diode 6A/100V
550310000	PC301	Rectifier Diode 3A 100V
560003010	PC301 3A 100V	Rectifier Diode
570000031	PMLL4448	75V 200mA Switching Diode SOD80C
540041480	RLS4148	1N4148 Diode SOD80C
570000013	RLS4148	1n4148 SMT Diode SOD80C
77005309	S2VB 10	bridge rectifier
580020390	S392D	Dual RF Pin Diode SOT23
77005315	S3WB 60Z	bridge rectifier
77005310	S4VB 10	bridge rectifier
77005311	S4VB 20	bridge rectifier
77005312	S4VB 40	bridge rectifier
77005313	S4VB 60	bridge rectifier
580011404	STIL06T5	700V 6A Inruth Current Limited Pentawatt

## Bridge Rectifiers

Item Code	PART NUMBER	Description
530000401	BA40	100V 50A Bridge Rectifier
530010101	CBR1010	Bridge Rectifier Diode
*520003100	D3SBA10	100V 4A Bridge Rectifier
580011163	D3SBA40	Bridge Rectifier 4A 400V
*520003600	D3SBA60	600V 4A Bridge Rectifier
550006502	DF06S	600V 1A Bridge Rectifier SMD

580011344	DI104S	400V 1A Bridge Rect SMD 4pins
530025010	KBPC2501	Bridge Rectifier 100V 25A Fast Rec
530035100	MP3510W	1000V 35 Bridge Rectifier
530001560	RB156	800V 1.5A Bridge Rectifier Diode
560004600	RS406L	Rectifiers - Bridge 800V 4A
530010601	S10VB60	Bridge Rectifier 600V 10A
530002100	S2VB10	Bridge Rectifier 100V 2A
*530003600	S3WB60Z	Bridge Rectifier 600V 2.3A
540041000	S4VB10	Bridge Rectifier
540004201	S4VB20	Bridge Rectifier 4V
540004400	S4VB40	Bridge Rectifier
540004600	S4VB60	Bridge Rectifier
540005102	S5VB10	Bridge Rectifier
540005200	S5VB20	Bridge Rectifier
*530000040	W04M	1.5Amp./ 400V Bridge Rectifier
520001042	W10M4N	Bridge Rectifier 1000V 1.5A
570000384	WO2	Bridge Rectifier Diode 200V 1.5A
*540000040	WO4G	Bridge Rectifier 1Amp./ 400V

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# **FAST RECOVERY DIODES AND SCHOTTKY DIODES**

Date Generated: 11/25/2011

## Fast Recovery Diodes

Item Code	PART NUMBER	Description
*540015600	15D60K	15A 600V Ultra Fast Recovery Rect TO220
580011257	15ETH06S	600V 15A 22ns Hyperfast Rect SOT263-3-2
77008191	1N4937	600V 1A Fast Recovery
570000040	1SS355	Hi speed swdiode 40V 255mA 9nS SMT USM
580011373	61FC6	Dual CJ 600V 6.6A Ultra Fast DPAK
540161000	B16100	SwitchMode Power Rectifier 16A 100VTO220
570000052	BAS21	75V 250mA Hi speed diode SOD110
570000041	BAS216	Hi speed sw 75V 500mA diode SOD110
570000045	BAV99TR	60V 75mA Dual fast diode SOT523
570000028	BYD37K	Fast-soft recovery avalanche diode SOD87
570000021	BYG22D	200V 2A Ultrafast Diode SMT DO214AC
580010758	BYV32E	Dual 150V 20A UltraFast TO220
580011120	BYV34-400	Dual 400V 20A Ultrafast TO220
540000290	BYW29	200V 8A Ultrafast diode DPAK
580011379	EA61FC2	Dual ComK 200V 6.6A UltraFast DPAK
580011369	EA61FC4	Dual CK 400V 6.6A Ultra Fast DPAK
570000014	EGL41B1A	100V 1A Ultrafast Diode SMT DO213AB
580010562	EGL41G	400V 1A Fast Recovery SMD DO-213AB
580011289	ES3D	200V 3A Ultrafast Rect SMD DO-214AB
580010760	FEP16DT	200V 16A Dual UltraFast TO220
580011109	FT02P80	Ultra Fast Recovery SOD-123(28)
*580000007	HFA30PA60C	600V 15A Fast Recovery Diode TO-247AC
*580000017	HFA50PA60C	Dual Ultrafast 600V 25A T0-247AC
570000046	HS1KR2	1A 800V Fast Recovery SMD D0-214AC
540020451	MBR2045CT	SwitchMode Power Rectifier 20A 45V TO220
540020600	MBR2060	60V 20A Ultrafast Rectifier -TO220
580021371	MMBD4148CC	100V 200mA Dual Fast Diode SOT23
580010451	MUR1560	U1560 600V 15A Ultrafast Rect TO220AC
580010464	MUR2020R	200V 20A Ultrafast TO220AC
*580010414	MUR820	U820 200V 8A Ultrafast Rect TO220AC
580010467	MUR840	U840 400V 8A Ultrafast Rect TO220AC
580010109	PG202R	Fast Recovery 2A
540009060	SAC906	High Speed Rectifier-TO220
580011155	TVR10G	Fast Recovery Rect 1A 400V DO-41
580010426	U1520	200V 15A Ultrafast Rectifier TO220
540016150	U1615	MUR1660 600V 16A Ultrafast Rect-TO220
540016200	U1620	MUR1620CT Ultrafast 8A rectifier TO220
540016600	U1660	MUR1610CT 100V 16A UF Rectifier-TO220
580001074	UF202	200V 2A Fast Recovery Diode DO-15
570000073	UF2B	UFast 100V 2A SMT DO214AA
*580010159	UF4006	800V 1A Fast Recovery Diode DO-41
580010107	UF5408	1000V 3A Ultrafast Diode
550016201	UR1620R	Dual 200V 8A Ultrafast Rectifier-TO220

## Schottky Diodes

Item Code	PART NUMBER	Description
550015817	1N5817	Schottky Diode 1A 20V
580001011	1N5819	1A 40V Schottky Diode SOD-1
77007755	1N5820	20V 3A Schottky Diode Case 263-06
77011747	1N5822	3A 40V Schottky Diode
570000340	3PHA20	3A 200V Schottky DO-201
*540015452	B1545P	45V 15A Schottky -TO220
540201000	B20100	100V 20A Schotky -TO220
540025450	B2545	45V 25A Schottky -TO220

570000018	BAS70-06	70V 15mA Dual Schotky Diode SOT23
580005400	BAT54A-GS08	30V 200mA Dual Schottky SOT-23
580010344	BAT54S	30V 200mA Dual SOT-23
570000039	BAT54T1	40V 200mA Schottky SOD123 (S135)
550002451	BYR245	40V 2A dual Schottky Barrier SOT223
580011366	EA30QS10	EA30Q10 90V 4.7A Schotky DPAK
580011383	EA60QC03L	Dual CK 30V 6.6A IPAK
580011367	EA60QC04	DUAL CK 40V 6.6A Schotky DPAK
580011368	EA60QC06	Dual CK 60V 6.6A Schottky DPAK
580011459	EC21QS04	Schottky 40V 3.14A SMD 5x2.5mm
580011008	FCHS20A08	80V 20A Dual Schottky t0-220
580000178	FM140-W	1.0A 40V DO-214AC
*570000081	M1M	Schottky Diode SOT-23
580011103	MA2S728	30V 150mA SC-79 (B)
580020386	MA718	MA6X718 30V 150mA 3-DIODE SC-74-6
550005201	MBR0520LT1	20V 0.5A Schottky SOD-123
570000072	MBR0530T1	Schottky 30V 0.5A SOD123
540101000	MBR10100	10A 100V, H-Voltage Schottky diode T02-2
580010756	MBR1045	45V 10A Schottky TO2-2 2 pins
540010640	MBR1060	10A, 60V H-Voltage Schottky diodeTO220
580000032	MBR1070 (B10100)	70V 10A TO220
*540015350	MBR1535CT	35V 15A Schottky -TO220
540015451	MBR1545CT	45V 15Amp Schottky Rectifier TO220
542020000	MBR20200CT	200V 20A Dual Schottky Rectifier TO220
540020450	MBR2045CT	45V 20 Amp Schottky RectifiersTO220
540025451	MBR2545CT	45V 30A Schottky Rectifiers TO220
580010244	PBYR1545CTB	Dual Schottky 15A 45V TO-220
580011102	RB060L-40	40V 2A SOD-106 (36)
570000071	RB435C	Dual Schottky 10V 0.5A SC62
*570000445	RB441Q-407-77	Schottky Diode 100mA 40V
580011101	RB481Y-90	Dual 90V 100mA SC-75A
580010160	SB360	60V 3A Schottky Diode DO-201AD
540025250	SBL25L25CT	25V 25A dual schottky Com Cathode-TO220
540025251	SBL25L25CT	25V 25A dual schottky Com Cathode-TO220
580005401	SFPB-54V	50V 1A Schotky Diode SMD(B4 20)
550020450	STPS2045CT	45V 10A Dual Schotky -TO220

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# **ZENER DIODES & VARACTORS**

Date Generated: 11/25/2011

## Zener Diodes

Item Code	PART NUMBER	Description
*77010165	15V (1/2W)	Zener Diode
580010191	1N1606	15V 0.5W zener Diode
580010240	1N4736	6.8V 1W Zener diode DO-41
77010881	1N4742 (12V) 1W	Zener Diode
580010238	1N5221B	2.4V 0.5W Zener Diode
580022006	1N5235	6.8V 0.5W Zener Diode
580010239	1N5237	8.2V 0.5W Zener diode
580010108	1N5243	13V 0.5W Zener
580001574	1N5252	24V 0.5W Zener Diode
580001585	1N5257	33V 0.5W Zener
580001587	1N5267	75V 0.5W Zener Diode
*77010962	27V (1/2W)	Zener Diode
*77010957	3.6V (1/2W)	Zener Diode
77010963	3.9V (1/2W)	Zener Diode
*77010961	33V (1/2W)	Zener Diode
*77010958	36V (1W)	Zener Diode
570000033	4.3V	SMT Zener Diode
77010159	5.1V (1/2W)	Zener Diode
570000032	5.6V 0.5W 5%	SMT Zener Diode
*77010166	6.8V (1/2W)	Zener Diode
*77010960	6.8V (1/2W)	Zener Diode
580010662	6V2	6.2V 0.5W Zener Diode
*77010956	7.1V (1/2W)	Zener Diode
*77010959	7.2V (1/2W)	Zener Diode
570000035	7.5V	SMT Zener Diode
580010913	7.5V (1/2W)	Zener Diode
*77010955	8.1V (1/2W)	Zener Diode
77010359	8.2V (1/2W)	Zener Diode
77010954	9.1V (1/2W)	Zener Diode
580001325	B16 0.4W	Zener Diode 16V 0.4W
570000026	BZV55 4.7V	4v7 500mW Zener SMT SOD80C
570000029	BZV55 C2.7V	2v7 500mW Zener SMT SOD80C
570000030	BZV55 C3.3V	3v3 500mW Zener SMT SOD80C
570000042	BZV55C18	18V 500mW zener 5% tol. SOD80
580011488	BZV55-C6V2	SMT Zener Diode 6.2V 500MW
580020393	BZX84C13-7	13V 350mW Zener SOT23
580011432	BZX84-C3V3	3.3V 0.35W Sot23
570000059	BZX84-C51	51V 250mW zener SOT23
550840000	BZX84C7V5LT1	Diodes- Zener 7.5V 225mW
580011365	BZX85B-16	16V 1W D0-41
580010278	MA3033-H	3.3v 200mW Zener SOT-23
570000050	MM5247B	17V 500mW zener MiniMELF
580010339	MMBZ5244BLT1G	14V 225mW SOT-23
580010341	MMBZ5246BLT1	16V 225mW Zener SOT-23
580011177	MMSZ4693T1	Zener Diode 500mW 7.5V SOD-123
580010281	RD20M-2B	2V 200mW Zener SOT-23
580010301	RLZ TE-11 18V	SMT DIODE RLZ-11 18V
580010299	RLZ TE-11 3.9V	SMT Diode RLZ TE-11 3.9V
580010300	RLZ TE-11 8.2V	SMT DIODE RLZ TE-11 8.2V
570000034	SB00014 (5.1V)	SMT Zener Diode
551300000	TZMB13-GS08	Zener Diodes 13 Volt 0.5W 2%
580000180	TZMB18-GS08	Zener Diodes 18 Volt 0.5 Watt 2%
540000120	TZMC10GS08	500mW 10.6V Signal Zener Diode SOD-80
570000016	TZMC12	12V 500mW Zener SOD80
580011180	TZMC15-GS08	Zener Diode 15V 0.5WSOD-80
570000017	TZMC5V1	5.1V 500mW Zener Diode MiniMELF
570000015	TZMC7V5	7v5 500mW Zener Diode MiniMELF

580011178	TZS4717-GS08	Zener Diode Single 43V 5% 500mW SOD-80
570000061	UDZTE-1713B	13V 200mW zener SMT
580001326	USZMTZJ3.3	Zener Diode 3.3V 0.4W
580010285	Z84C 6.8v	6.8V 350mW SOT-23
580010348	Z84C-8.2V	8.2V 225mW Zener SOT-23

**Varactor (Voltage Variable) Diodes**

<b>Item Code</b>	<b>PART NUMBER</b>	<b>Description</b>
580010235	1N5421	Varactor Diode
570000037	BB156	Low voltage varicap 4.8-16pF SOD323
580011181	BB545	20pF Varicap SOD-323
580010350	BB659C	2.5-39pF Varicap SCD80

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# **CRYSTAL & RESONATORS**

Date Generated: 11/25/2011

## Crystal & Resonators

Item Code	PART NUMBER	Description
77005393	07M07AZ MHZ	crystal 07M07AZ MHZ
580001952	07M07AZ mHz	Crystal
77005440	10.0583 MHZ	crystal 10.0583 MHZ
580001729	10.0583 mHz	Crystal
77005413	10.240 MHZ	crystal 10.240 MHZ
520000035	10.240 MHZ	Crystal
580001327	10.240 MHZ	Crystal
580001731	10.240 mHz	Crystal
77005441	10.2417 MHZ	crystal 10.2417 MHZ
580001727	10.2417 mHz	Crystal
77005410	10.2419 MHZ	crystal 10.2419 MHZ
580001719	10.2419 Mhz	Crystal
77005446	10.245 MHZ	crystal 10.245 MHZ
580001730	10.245 mHz	Crystal
77005400	10.350 MHZ	crystal 10.350 MHZ
580001726	10.350 mHz	Crystal
77005389	10.375 MHZ	crystal 10.375 MHZ
77005461	10.400 mhz	crystal 10.400 MHZ
580001718	10.400 Mhz	Crystal
580009804	10.400 mHz	Crystal
77005405	10.400MHZ	crystal 10.400MHZ
77005466	10.6975 MHZ	crystal 10.6975 MHZ
580001732	10.6975 mHz	Crystal
*77005436	10.700 MHZ	crystal 10.700 MHZ
580001716	10.700 Mhz	Crystal
580001728	10.M08A mHz	Crystal
77005403	10M07AZ MHZ	crystal 10M07AZ MHZ
580001720	10M07AZ Mhz	Crystal
77005419	10M08AZ MHZ	crystal 10M08AZ MHZ
77004201	10M08BB	crystal
77005372	10M08BB MHZ	crystal 10M08BB MHZ
77005433	10M08BB MHZ	crystal 10M08BB MHZ
580001723	10M08BB Mhz	Crystal
77005394	10M12AZ MHZ	crystal 10M12AZ MHZ
580001721	10M12AZ Mhz	Crystal
77005420	10M15AA MHZ	crystal 10M15AA MHZ
580001722	10M15AA Mhz	Crystal
77005425	10M15AG MHZ	crystal 10M15AG MHZ
580001724	10M15AG mHz	Crystal
77005434	10M15AH MHZ	crystal 10M15AH MHZ
580001725	10M15AH mHz	Crystal
77005416	11.0592 MHZ	crystal 11.0592 MHZ
580001946	11.0592 mHz	Crystal
77005374	11.150 MHZ	crystal 11.150 MHZ
520000038	11.150 MHZ	Crystal
580007997	11.150 mHz	Crystal
580001947	11.325 mHz	Crystal
580010537	12.000 MHZ	Crystal 12.000MHz
580020103	12.7319MHz	Crystal
77005391	12.800 MHZ	crystal 12.800 MHZ
580001945	12.800 mHz	Crystal
580007994	12.800 mhz	Crystal
77005435	12800 MHZ	crystal 12800 MHZ
580001944	12800 mHz	Crystal
580021394	13.000MHz	Crystal 13.000MHz
77005449	13.2375 MHZ	crystal 13.2375 MHZ
580001943	13.2375 mHz	Crystal

77005438	13.3167 MHZ	crystal 13.3167 MHZ
580001942	13.3167 mHz	Crystal
77005388	13.4083 MHZ	crystal 13.4083 MHZ
77005437	13.5475 MHZ	crystal 13.5475 MHZ
77005379	13.865 MHZ	crystal 13.865 MHZ
580001941	13.865 mHz	Crystal
580009807	13.865 mHz	Crystal
77005406	14.0M-9AU MHZ HS	crystal 14.0M-9AU MHZ HS
77005412	14.3 MHZ HS	crystal 14.3 MHZ HS
551831818	14.31818 Mhz	Crystal
580021875	14.31818MHz	14.31818MHz Crystal Oscillator
580020349	14.850MHz	Crystal Oscillator SMD
77005451	15.5367 MHZ	crystal 15.5367 MHZ
580001736	15.5367 mHz	Crystal
580007996	15.5433 mhz	Crystal
77005463	15.6233 MHZ	crystal 15.6233 MHZ
580001733	15.810 mHz	Crystal
77005399	15.81875	crystal 15.81875
580001734	15.81875 mHz	Crystal
77005402	15.822917 MHZ	crystal 15.822917 MHZ
580001953	15.822917 mHz	Crystal
77005462	15.839583 MHZ	crystal 15.839583 MHZ
77005460	16.000 MHZ	crystal 16.000 MHZ
77005459	16.445 MHZ	crystal 16.445 MHZ
580001940	16.445 mHz	Crystal
77005447	16.5567 MHZ	crystal 16.5567 MHZ
580007986	16.6150 mHz	Crystal
77005444	16.620 MHZ	crystal 16.620 MHZ
580001739	16.620 mHz	Crystal
77005443	16.6567 MHZ	crystal 16.6567 MHZ
580001737	16.6567 mHz	Crystal
77005390	16.66333	crystal 16.66333 MHZ
77005452	16.66333 MHZ	crystal 16.66333 MHZ
580001738	16.M15AZ	Crystal
77005387	16M15AC MHZ	crystal 16M15AC MHZ
580001954	16M15AC mHz	Crystal
77005431	16M15AZ MHZ	crystal 16M15AZ MHZ
580021372	17.000MHz	17 MHz Crystal
77005414	17.150 MHZ	crystal 17.150 MHZ
*77007752	18.432 MHZ	crystal 18.432 MHZ (NEW)
580001131	18.432MHz	crystal
77005574	2.00 mhz	SMT crystal 2.00
580000987	2.00MHz	SMT Crystal
580009815	20.000 mHz	Crystal Osci.
77010402	20.000MHZ	crystal (new) 20.000mhz
77011949	20.000mhz	20.000MHz resonator
550200001	20.000Mhz	Ceramic Resonator
580001078	20.480MHz	Crystal
77005398	20.8391 MHZ	crystal 20.8391 MHZ
580009811	20.8391 mHz	Crystal
77005421	20.94375 MHZ	crystal 20.94375 MHZ
580009810	20.94375 mHz	Crystal
580001956	21M15AZ mHz	Crystal
580001967	21M15AZ mHz	Crystal
77005429	21M15BC MHZ	crystal 21M15BC MHZ
580001955	21M15BC mHz	Crystal
77005417	22.595 MHZ	crystal 22.595 MHZ
580001970	24.000MHZ	SMT Crystal Oscillator ECS-240-20-5PX-TR
580010990	24.704MHz	Crystal
77005401	24.8416 MHZ	crystal 24.8416 MHZ
580001949	24.8416 mHz	Crystal
77005396	24.950 MHZ	crystal 24.950 MHZ

580001948	24.950 mHz	Crystal
550250000	25.0000Mhz	Cystal
580011540	25Mhz	Crystal 25Mhz
580011142	27.000MHZ	27.000MHz SMT Crystal
77005430	28.276 MHZ	crystal 28.276 MHZ
580001957	28.276 mHz	Crystal
77005395	28.63636	crystal 28.63636
77005424	28.63636 MHZ	crystal 28.63636 MHZ
580001950	28.63636 mHz	Crystal
580001958	28.63636 mHz	Crystal
77005426	29.4912 MHZ	crystal 29.4912 MHZ
580001951	29.4912 mHz	Crystal
580001966	29.4912mHz	Crystal
77005581	3.00 mhz	SMT crystal 3.00
77005458	3.575 MHZ	crystal 3.575 MHZ
580001963	3.575 mHz	Crystal
77005397	3.579545 MHZ	crystal 3.579545 MHZ
580001959	3.579545 mHz	Crystal
77005580	3.58 mhz	SMT crystal 3.58
530003580	3.58 mHz	3.58MHz -Crystal SMT
*77005455	3.582 MHZ	crystal 3.582 MHZ
580001964	3.582 mHz	Crystal
77005383	3.583 MHZ	crystal 3.583 MHZ
580007987	3.583 mhz	Crystal
580001079	3.58564MHz	Crystal
553000000	30.0000Mhz	Crystal Osci.
55327680	32.768kHz	Crystal Osci.
77010123	32.768KHZ	32.768KHZ crystal
580001961	36.78125 mHz	Crystal
77005380	36.80625 MHZ	crystal 36.80625 MHZ
77005575	36.86	SMT oscillator module
77005404	36.864 MHZ	crystal 36.864 MHZ
520000036	36.864 MHZ	Crystal
580001960	36.864 mHz	Crystal
580000988	3686MHz	SMT Crystal
77005373	37.0500 MHZ	crystal 37.0500 MHZ
77005384	39.168 MHZ	crystal 39.168 MHZ
580001962	39.168 mHz	Crystal
580007985	39.168 mHz	Crystal
580011457	4.000MHZ	SMD Crystal CSTCS 4.00MG-TC
77005578	4.00 mhz	SMT crystal 4.00
77005378	4.000 MHZ	crystal 4.000 MHZ
77005454	4.000000 MHZ	crystal 4.000000 MHZ
580001972	4.000000 Mhz	Crystal
580001133	4.000MHz	crystal
580000990	4.00MHz	SMT Crystal
77005392	4.096 MHZ	crystal 4.096 MHZ
580001987	4.096 mHz	Crystal
580009801	4.096 mHz	Crystal
77005576	4.19 mhz	SMT crystal 4.19
77005377	4.194304 MHZ	crystal 4.194304 MHZ
580009802	4.194304 mHz	Crystal
580000986	4.19MHz	SMT Crystal
77005415	4.433 619 MHZ	crystal 4.433619 MHZ
580001975	4.433619 MHZ	Crystal
77005418	40.320 MHZ	crystal 40.320 MHZ
520000033	40.320 MHZ	Crystal
580001974	40.320 MHZ	Crystal
580001971	42.000 mHz	Crystal
570000455	44.645	Crystal
77005385	46.175 MHZ	crystal 46.175 MHZ
580001978	46.175 mHz	Crystal

77005439	46.475 MHZ	crystal 46.475 MHZ
580001977	46.475 mHz	Crystal
580001981	463.7125 mHz	Crystal
550480000	48.0000Mhz	Cyrstal
580000221	48.00MHz	Crystal
77005381	49.390 MHZ	crystal 49.390 MHZ
580001980	49.390 mHz	Crystal
580007995	49.390 mhz	Crystal
77005408	49.435 MHZ	crystal 49.435 MHZ
520000034	49.435 MHZ	Crystal
580001979	49.435 mHz	Crystal
580001982	49.435 mHz	Crystal
520000032	49.860 MHZ	Crystal
580000168	4mHz Resonator	4mHz Ceramic resonator 3pins
550500000	5.0000Mhz	Crystal
550050000	50.000Mhz	Crystal
77005448	52.0875 MHZ	crystal 52.0875 MHZ
580001985	52.0875 mHz	Crystal
77005382	52.1125 MHZ	crystal 52.1125 MHZ
580009813	52.1125 mHz	Crystal
77005450	52.1625 MHZ	crystal 52.1625 MHZ
580001983	52.1625 mHz	Crystal
77005453	52.1875 MHZ	crystal 52.1875 MHZ
580009812	52.1875 mHz	Crystal
580001986	52.911667 mHz	Crystal
580001984	521375 mHz	Crystal
77005464	55.405 MHZ	crystal 55.405 MHZ
580001988	55.405 mHz	Crystal
77005411	565-8KU MHZ HS	crystal 565-8KU MHZ HS
77005577	6.00 mhz	SMT crystal 6.00
580000989	6.00MHz	SMT Crystal
580007992	61.6667 mHz	Crystal
77005422	63.3333 MHZ	crystal 63.3333 MHZ
580001990	63.3333 Mhz	Crystal
77005375	7.200 MHZ	crystal 7.200 MHz
*580001989	7.200 mHz	Crystal
77005465	7.200000 MHZ	crystal 7.200000 MHZ
580001973	7.200000Mhz	Crystal
77005409	7.345 MHZ	crystal 7.345 MHZ
77005432	7.8000 MHZ	crystal 7.8000 MHZ
580001991	7.8000 mHz	Crystal
77005427	72.673 MHZ	crystal 72673 MHZ
77005407	725-2-9AU MHZ HS	crystal 725-2-9AU MHZ HS
*77005423	8.000 MHZ	crystal 8.000 MHZ
580001132	8.000MHz	crystal
*77005456	9.600 MHZ	crystal 9.600 MHZ
580007993	9.600 mhZ	Crystal
560090300	903	Saw Filter
559037340	903734	Saw filter
580001126	915mHZ	SAW FILTER 915MHz SMD
580010280	CSTCS4 00MG-TC	4.00MHz SMT Crystal
77005445	ecs-20-20-1 mhz	crystal ECS-20-20-1 MHZ
580001969	ECS-20-20-1 MhZ	Crystal
580020238	OFWY6901	479.5 MHz Saw Filter
77005457	R132.085 MHZ	crystal R132.085 MHZ
580001968	R132-085 mHz	Crystal
77005428	T71-310 MHZ	crystal T71-310 MHZ
77005442	TE5130 MHZ	crystal TE5130 MHZ
77005386	TX15.5433 MHZ	crystal TX15.5433 MHZ
580009808	TX15.5433 mHz	Crystal
77005376	TX16.6150 MHZ	crystal TX16.6150 MHZ
580009809	TX16.6150 mHz	Crystal

580011085

ZTA 8.00MT

Ceremic Resonator

e-Gizmo Mechatronix Central Electronics Components Product Catalog

## **FILTER COMPONENTS & DELAY LINES**

Date Generated: 11/25/2011

## Filter Components

Item Code	PART NUMBER	Description
580010184	4.09 MT	Ceramic Filter
580001396	4.19	Ceramic Resonator
520000450	4.5 MHz	Ceramic Filter
580010178	4.5C	Ceramic Filter
580001003	400Y	Ceramic Resonator
580001000	50HT	Ceramic Filter 3PIN
580000999	55C	Ceramic Filter 4PIN
580000992	55E	Ceramic Filter 4 PIN
580000993	55E4	Ceramic Filter 4 PIN
580000998	55H	Ceramic Filter 3PIN
580010185	6.29MT	Ceramic Filter
520000303	682K/200W	Ceramic Filter
500000004	6AS20K	Ceramic Filter
580022481	B8100	100.59MHz SAW Filter
580000997	CFV 455E	Ceramic Filter 5PIN
500000003	CFW455E	Ceramic Filter
530004530	CFWS453	-Ceramic Filter
580001001	CSB 384J	Ceramic Resonator 2 pin
570000069	EXCCET103U	EMI Filter 0.01u SMT
77006143	JDR433A	433 MHz Saw Filter
580001002	KBR 800Y	Ceramic Resonator
570000394	MQC520	Ceramic Filter (MURATA)
580000996	SFG 455E	Ceramic Filter 3PIN
580000994	SFP 450D	Ceramic Filter 3PIN
580000995	SFR 450D	Ceramic Filter 5PIN
550014502	T4.5C	4.5 MHz Ceramic Filter
580009799	TPS5.5MJ	Ceramic Filter
580001688	X6966M	36.125MHz SAW Filter SIP5
580009969	ZJSC-220-101	RF Filter
580010478	ZJSC-220-101	Data line Ceramic Filter

## Delay Line Components

Item Code	PART NUMBER	Description
530095130	BEL9513M	Delay Line 4NS Pin3
530095170	BEL9517M	Delay Line 5NS Pin3
530095410	BEL9541M	Delay Line 9NS Pin3
530096190	BEL9619M	Delay Line 1.0NS Pin3
530096340	BEL9634M	Delay Line 1NS Pin3
580001418	DELAY LINE	Delay Line

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# **SMD CHIP CAPACITORS**

Date Generated: 11/25/2011

### Chip Capacitors Form 0402

Item Code	PART NUMBER	Description
510000571	.1UF 10% 16V	SMT (0402) Chip Cap.
570000147	.1UF10V 10%	SMT Chip Cap. (0402)
570000125	18PF	SMT Chip Cap. (0402)
580010703	1nf/50v 10% X7R (0402)	SMT Chip Cap.
570000184	2.2NF 10V	SMT Chip Cap. (0402)
580021046	270pF 50V	SMT Chip Cap. 0402

### Chip Capacitors Form 0603

Item Code	PART NUMBER	Description
58000102	.001uF	0.001uF/1nF SMT Chip Cap. (0603)
570000274	.0047UF	SMT Chip Cap. (0603)
580021033	.010uF 50V 10%	SMT Chip Cap. 0603
570000271	.01UF 10%	SMT Chip Cap. (0603)
570000312	.01UF 10% 50V	SMT Chip Cap. (0603)
570000302	.01UF X7R	SMT CHIP Cap. (0603)
510000573	.1UF 10% 16V	SMT (0603) X7R Chip Cap.
510000570	.1UF 10% 50V	SMT (0603) Chip Cap.
580011182	0.18uf/16V	SMT Ceramic Cap. 18uf/16v 10%(0603)
570000294	0.1UF	SMT Chip Cap. (0603)
580011185	0.5PF/100V	Chip Cap 0.5pf/100v NPO (0603)
570000142	1.5PF 0%	SMT Chip Cap. (0603)
510000580	1000PF 10% 50v	SMT (0603) Chip Cap.
580021025	1000pF 10% X7R	SMT Chip Cap. 0603
570000158	100NF 10% 16V	SMT Chip Cap. (0603)
570000148	100NF 10V 10%	SMT Chip Cap. (0603) X7R
570000091	100PF 5%	SMT Capacitor (0603)
570001000	100pF 5% 50V NPO	SMT (0603) Chip Cap.
570000102	100PF NPO 5% 50V	SMT Chip Cap. (0603)
57000100	10pF (0603)	SMT chip cap.
510000583	10UF 10% 16V	SMT (0603) Chip Cap.
570000143	120PF	SMT Chip Cap. (0603)
570001500	150nF 1% 0603	SMT 0603 Chip Cap.
570000145	150PF 5% 50V	SMT Chip Cap. (0603)
510000577	150PF NPO 5% 50V	SMT (1603) Chip Cap.
570000138	15NF	SMT Chip Cap. (0603)
570000090	160PF 5%	SMT Capacitor 160pf 5% 50V (0603)
510000587	160PF 5% 50V	SMT (0603) Chip Cap.
570000139	180PF NPO 5%	SMT Chip Cap. (0603)
570000134	18PF 50V	SMT Chip Cap. (0603)
570000183	2.2NF 10V	SMT Chip Cap. (0603)
580021049	2.5PF 5% 50V	SMT Chip Cap. 0603
570000174	2.7NF	SMT Chip Cap. (0603)
570000198	200PF	SMT Chip Cap. (0603)
570000214	20PF NPO	SMT Chip. Cap. (0603)
510000611	220PF 5% 50V	SMT (0603) Chip Cap.
570000199	220PF 5% 50V	SMT Chip Cap. (0603)
570000182	22NF	SMT Chip Cap.5% (0603)
570002200	22nF 1% (0603)	SMT 0603 chip Cap.
570000185	22PF 50V	SMT Chip Cap. (0603)
570000188	22PF NPO 5% 50V	SMT Chip Cap. (0603)
570000206	25PF NPO	SMT Chip. Cap. (0603)
510000589	270PF 10% 50V	SMT (0603) Chip Cap.
510000595	270PF 10% 50V	SMT (0603) Chip Cap.
570000173	270PF NPO 10% 50V	SMT Chip Cap. (0603)

570000190	270PF NPO 50V	SMT Chip Cap. (0603)
770078880	27pF 1% 0603	SMT Chip Cap.
510000588	27PF 5% 50V	SMT (0603) Chip Cap.
510000596	27PF NPO 10% 50V	SMT (0603) Chip Cap.
570000176	27PF NPO 5% 50V	SMT Chip Cap. (0603)
570000196	2NF 10% 50V	SMT Chip Cap. (0603)
570000220	2PF 0%	SMT Chip. Cap. (0603)
510000617	2PF 10% 50V	SMT (0603) Chip Cap.
570000222	3.3NF	SMT Chip. Cap. 50VX7R 10% (0603)
570000223	3.3NF	SMT Chip Cap. (0603)
580021054	3.5pF 50V NPO	SMT Chip Cap. 0603
570000211	330PF	SMT Chip Cap. (0603)
510000633	330PF 50V	SMT (0603) Chip Cap.
570000242	330PF 50V	SMT Chip Cap. (0603)
570000229	33NF	SMT Chip Cap. (0603)
570003300	33nF	33nF SMT (0603) Chip Cap.
57000330	33pF	SMT chip. Cap. 0603
570000232	33PF 5%	SMT Chip Cap. (0603)
570000243	33PF NPO 5%	SMT Chip Cap. (0603)
510000614	390PF 5% 50V	SMT (0603) Chip Cap.
570000235	390PF 5% 50V	SMT Chip Cap. (0603)
57000390	39pF	39pF 1% 0603 SMT Chip Cap.
570000251	39PF 10% NPO 50V	SMT Chip Cap. (0603)
510000599	39PF NPO 10% 50V	SMT (0603) Chip Cap.
580004750	4.7nF	4.7nF 10% X7R 50V SMT Chip Cap. (0603)
580010129	4.7uf 50v	SMT Capacitor 4.7uf 50v 5% 0603
580021380	4.7uf/16v	ceramic cap smt
580010126	470pf/50v	SMT Capacitor 470pf 50v 5% 0603
570000470	47nF 1% (0603)	SMT Chip Cap.
57000470	47nF 1% 0603	SMT Chip Cap. 16V
55000000	4pF Npo	SMT Capacitor 0603
57000510	51pF 1%	SMT (0603) SMT
570000114	5PF	SMT Chip Cap. (0603)
510000605	6.8NF 10% 50V	SMT (0603) X7R Chip Cap.
570000285	6.8NF 10% 50V (X7R)	SMT Chip Cap. (0603)
570000286	60PF	SMT Chip Cap. (0603)
570000288	6PF NPO 0%	SMT Chip Cap. (0603)
580010919	8.2pf/50v	SMT Chip Cap. 8.2pf 50v 5%
570000094	80PF	SMT Chip Cap. (0603)
510000621	82PF NPO 5% 50V	SMT (0603) Chip Cap.
570000098	82PF NPO 5% 50V	SMT Chip Cap. (0603)
510000622	90PF 5% 50V	SMT (0603) Chip Cap.
570000112	91PF 5% 63V	SMT Chip Cap. (0603)
510000609	91PF 63V 5%	SMT (0603) Chip Cap.
570000062	DUMMY CAP.	SMT DUMMY CAP. 0603

### Chip Capacitors Form 0805

Item Code	PART NUMBER	Description
570000273	.0001UF	SMT Chip Cap. (0805)
570000305	.001UF	SMT Chip Cap. (0805)
570000283	.003UF 50V	SMT Chip Cap. (0805)
570000280	.0062UF 50V	SMT Chip Cap. (0805)
570000267	.01UF	SMT Chip Cap. (0805)
570000064	.01UF (103) 5%	SMT Chip Cap. (0805)
570000293	.01UF 10%	SMT Chip Cap. (0805)
570000282	.022UF 10% 50V X7R	SMT Chip Cap. (0805)
570000279	.033UF 50V	SMT Chip Cap. (0805)
570000215	.22UF 80% 25V	SMT Chip Cap. (0805)
570000295	0.0015UF	SMT Chip Cap. (0805)

570000316	0.056UF 50V	SMT Chip Cap. (0805)
*570000299	0.1UF 50V	SMT Chip Cap. (0805)
570000300	0.1UF 50V 10%	SMT Chip Cap. (0805)
570000313	0.47UF	SMT Chip Cap. (0805)
580021034	0.5pF 50V	SMT Chip Cap. 0805
570000141	1.5PF 0%	SMT Chip Cap. (0805)
510000628	1000PF 10%	SMT (0805) Chip Cap.
570000151	100PF 100V	SMT Chip Cap. (0805)
570000120	100PF NPO 50V	SMT Chip Res. (0805)
*570000127	10NF	SMT Chip Cap. (0805)
580021022	10NF 50V	SMT Chip Cap. 0805
580010122	10uf/50v	SMT Capacitor 10uf/50v 5% 1210
570000137	12NF	SMT Chip Cap. (0805)
570000124	150PF	SMT Chip Cap. (0805)
510000578	150PF 5% 50V	SMT (0805) Chip Cap.
570000165	150PF 5% 50V	SMT Chip Cap. (0805)
510000635	160PF	SMT (0805) Chip Cap.
570000088	160PF	SMT Capacitor (0805)
570000135	18PF	SMT Chip Cap. (0805)
570000121	1UF 16V	SMT Chip Res. (0805)
580011110	1uf/50v	SMT Capacitor 5% 0805
570000179	2.2NF	SMT Chip Cap. (0805) 50v
510000591	2.2NF 10% 100V	SMT (0805) Chip Cap.
570000197	2.2NF 10% 100V	SMT Chip Cap. (0805)
580000179	2.2pf/50v	SMT chip cap.2.2pf 50v 5% 0805
580010720	2.2uF 2LX 1.25W	SMT Chip Cap 0805
510010015	2000PF 10%	SMT (0805) X7R 50V Chip cap.
510020000	2000PF/202 10%	SMT (0805) X7R Chip Cap.
570000191	200PF 2% 50V	SMT Chip Cap. (0805)
510000612	200PF 5% 50V	SMT (0805) Chip Cap.
570000187	20PF 50V	SMT Chip Cap. (0805)
570000175	220NF	SMT Chip Cap. (0805)
510000597	220NF 10% 16V	SMT (0805) X7R Chip Cap.
570000195	220NF 10% 16V	SMT Chip Cap. (0805) X7R
570000177	220PF	SMT Chip Cap. (0805)
570000205	220PF 50V	SMT Chip. Cap. (0805)
570000181	22NF	SMT Chip Cap. (0805)
510000598	22NF 10% 50V	SMT (0805) X7R Chip Cap.
570000189	22NF 25V	SMT Chip Cap. (0805)
570000186	22PF 50V	SMT Chip Cap. (0805)
570000202	22PF 50V	SMT Chip Cap. (0805)
570000172	22UF 25V 80%	SMT Chip Cap. (0805)
510000590	22UF 80% 25V	SMT (0805) Chip Cap.
510000610	22UF 80% 25V	SMT (0805) Chip Cap.
580011111	22uf/50v	SMT Capacitor 22uf/50v 5% 0805
570000221	25PF	SMT Chip. Cap. (0805)
580272000	272pF NPO 5%	SMT Chip Cap. 5% 50V (0805)
570000209	27NF 50V	SMT Chip. Cap. 27nf 50V (0805)
510000593	27PF 5% 63V	SMT (0805) Chip Cap.
*570000212	27PF NPO 5% 100V	SMT Chip Cap. (0805)
570000231	3.3NF	SMT Chip Cap. (0805)
570000257	330PF	SMT Chip Cap. (0805)
570000226	330PF 50V	SMT Chip Cap. (0805)
570000230	33NF	SMT Chip Cap. (0805)
510000601	33NF 10% 50V	SMT (0805) Chip Cap.
570000238	33NF 10% 50V	SMT Chip Cap. (0805)
*570000255	33PF	SMT Chip Cap. (0805)
570000224	33PF 50V	SMT Chip Cap. (0805)
510000613	36PF 5% 50V	SMT (0805) Chip Cap.
570000233	36PF NPO 5% 50V	SMT Chip Cap. (0805)
570000240	39NF	SMT Chip Cap. (0805)
510000600	39NF 10% 50V	SMT (0805) X7R Chip Cap.

570000228	39NF 10% 50V	SMT Chip Cap. (0805) X7R
*570000239	4.7NF 50V	SMT Chip Cap. (0805)
580010719	4.7uF/16V + 20 +80%	SMT Chip Cap. 0805
570000022	4700pf	SMT Capacitor 4700pf 50v 0805
570000260	470PF	SMT Chip Cap. (0805)
570000247	47NF	SMT Chip Cap. (0805)
570000246	47PF	SMT Chip Cap. (0805)
570000272	47PF NPO	SMT Chip Cap. 47pf 63v (0805)
510000619	560PF 10% 50V	SMT (0805) Chip Cap.
570000103	560PF 10% 50V	SMT Chip Cap. 560pf 50v (0805)
570000101	56NF	SMT Chip Cap. (0805)
570000099	56PF 50V	SMT Chip Cap. (0805)
570000317	680PF 10% 50V	SMT Chip Cap. (0805)
570000289	68NF 50V	SMT Chip Cap.68nf 50V (0805)
570000319	68PF	SMT CHIP Cap. (0805)
570000287	68PF 10% 50V	SMT Chip Cap. (0805)
570000284	68PF 50V	SMT Chip Cap. (0805)
580000182	820pf 50v	SMT Chip Cap.820pf 50V 0805
510000607	82NF 20% 50V	SMT (0805) Chip Cap.
570000095	82NF 20% 50V	SMT Chip Cap. (0805)
570000111	90PF NPO	SMT Chip Cap. (0805)

#### Chip Capacitors Form 1206

Item Code	PART NUMBER	Description
570000298	.001UF 50V	SMT Chip Cap. (1206)
570000276	.01UF	SMT Chip Cap. (1206)
570000292	.01UF	SMT Chip Cap. (1206)
570000265	.01UF 10%	SMT Chip Cap. (1206)
570000301	.01UF 10%	SMT CHIP Cap. (1206)
580103000	.01uF 20% (1206)	.01uF/10nF 20%SMT Chip Cap. 1206
570000303	.022UF 10% 50V	SMT Chip Cap. (1206)
570000277	.047UF 50V X7R	SMT Chip Cap. (1206)
570000122	.1UF 10%	SMT Chip Cap. (1206)
510000572	.1UF 10% 25V	SMT (1206) Chip Cap.
510000568	.1UF 10% 50V	SMT (1206) Chip Cap.
570000152	.1UF 10% 50V	SMT Chip Cap. (1206)
570000193	.22UF	SMT Chip Cap. (1206)
570000296	.22UF 25V X7R	SMT Chip Cap. (1206)
*570000278	.22UF 50V	SMT Chip Cap. (1206)
510000634	0.1UF 50V	SMT (1206) Chip Cap.
510000623	1.5NF 5% 50V	SMT (1206) X7R Chip Cap.
570000092	1.5NF 5% 50V	SMT Capacitor X7R (1206)
570000159	10,000PF 10% 100V	SMT Chip Cap. (1206)
570000119	10? 5%	SMT Chip Cap. (1206)
570000150	100PF 10% 500V	SMT Chip Cap. (1206)
570000117	100PF 50V	SMT Chip Cap. (1206)
510000582	10NF 10% 50V	SMT (1206) X7R Chip Cap.
570000162	10NF 10% 50V	SMT Chip Cap. (1206) X7R
580011433	10pf 50	SMT Capacitor 10pf 50V 1206
580100000	10uF 80%	SMT Chip Cap. 1206
570000144	120PF	SMT Chip Cap. (1206)
570000161	150PF 5%	SMT Chip Cap. (1206)
550015000	150pF npo	SMT Chip Cap. 1206
510000585	150PF NPO 2% 100V	SMT (1206) Chip Cap.
510000602	15NF 5% 50V	SMT (1206) X7R Chip Cap.
570000113	18PF 5% 50v	SMT Chip Cap.18pf 50v (1206)
510000625	1NF NPO 2% 50V	SMT (1206) Chip Cap.
570000140	1UF	SMT Chip Cap. (1206) X7R
570000126	1UF 10% 16V	SMT Chip Cap. (1206)

570000128	1UF 25V	SMT Chip Cap. (1206)
550011600	1uF/16V	SMT Chip Cap. 1206
77009593	1uf/50v	1uf/50v cap. SMT 1206
510000592	2.2NF 10% 50V	SMT (1206) Chip Cap.
570000200	2.2NF 10% 50V	SMT Chip. Cap. (1206)
570000171	2.2UF 16V	SMT Chip Cap. (1206)
510000594	2200PF NPO 5% 100V	SMT (1206) Chip Cap.
580021048	220nF 10% 50V X7R	SMT Chip Cap.
570000178	220PF	SMT Chip Cap. (1206)
570000194	220PF 5%	SMT Chip Cap. (1206)
570000192	27K 5%	SMT Chip Cap. (1206)
77008251	27PF	27 PF cap. SMT 1206
570000332	3.3nF 50V	SMT Chip Cap. 3.3nf/50v 1206
510000626	3.9NF 5% 50V	SMT (1206) X7R Chip Cap.
570000256	33PF	SMT Chip Cap. (1206)
580020383	4.7nF 10% X7R 50V	SMT Chip Cap. 4.7nf 50v 1206
580020382	470	SMT Cip Cap. 1206
510000603	470NF	SMT 470NF (1206).
570000261	470PF	SMT Chip Cap. (1206) 50v
510000630	470PF 10%	SMT (1206) Chip Cap.
570000252	470PF 10%	SMT Chip Cap. (1206)
510000615	470PF 5% 100V	SMT (1206) Chip Cap.
570000237	470PF NPO 5% 100V	SMT Chip Cap. (1206)
510000624	470PF NPO 5% 50V	SMT (1206) Chip Cap.
570000244	47NF 5%	SMT Chip Cap. (1206)
570000254	47NF 50V	SMT Chip Cap. (1206) X7R
570000245	47PF	SMT Chip Cap. (1206)
580021028	6.8nF 50V	SMT Chip Cap. 1206
570000281	680PF 10%	SMT Chip Cap. (1206)
510000632	680PF 50V	SMT (1206) Chip Cap.
570000310	680PF 50V	SMT Chip Cap. (1206)
510000631	68PF 5%	SMT (1206) Chip Cap.
570000269	68PF 5%	SMT Chip Cap. (1206)
570000311	6PF 50V	SMT Chip Cap. (1206)

### Chip Capacitors Form 1210

Item Code	PART NUMBER	Description
570000164	.1UF	SMT Chip Cap. (1210)
570000118	.1UF 100V	SMT Chip Cap. (1210)
510000584	10UF 80% 16V	SMT (1210) Chip Cap.
510000618	220NF 0% 25V	SMT (1210) Chip Cap.
580681210	6.8uF 10%	SMT Chip Cap. 1210

### Chip Capacitors Form 1812

Item Code	PART NUMBER	Description
510000569	.1UF 10% 50V	SMT (1812) Chip Cap.
510000581	.1UF 20% 50V	SMT (1812) Chip Cap.
570000149	.1UF 5% 50V	SMT Chip Cap. (1812)
570000160	100NF 50V 20%	SMT Chip Cap. (1812)
570000253	4700PF 10% 50V	SMT Chip Cap. (1812)
510000629	470PF 10%	SMT (1812) Chip Cap.
570000170	820NF 10%	SMT Chip Cap. (1812)
510000606	820NF 10% 100V	SMT (1812) Chip Cap.
570000097	820NF 10% 100V	SMT Chip Cap. (1812)
570000105	82NF 10% 100V	SMT Chip Cap. (1812)

**Chip Capacitors Form 2010**

<b>Item Code</b>	<b>PART NUMBER</b>	<b>Description</b>
570000306	.1UF 50V	SMT Chip Cap. (2010)

**Chip Capacitors Form 2512**

<b>Item Code</b>	<b>PART NUMBER</b>	<b>Description</b>
570000275	.0047UF	SMT Chip Cap. (2512)
570000180	200? 5% 1W	SMT Chip Cap. (2512)
570000210	200? 5% 1W	SMT Chip Cap. (2512)

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## **AC RATED CAPACITORS**

Date Generated: 11/25/2011

## AC Rated Capacitors

Item Code	PART NUMBER	Description
580001037	.0001UF/250VAC	Special AC Cap.
580001043	.0047UF/250VAC	Special AC Cap.
*580001038	.01UF/250VAC	Special AC Cap.
580009996	.068uF/400V	RFI AC Cap.
500000002	.15uf/250V	Special MKT AC Capacitor (150pf)
570001653	.1uF/250VAC	ECQ-UN Class X2 UL/CSA
580001041	.1UF/250VAC	Special AC Cap.
580009820	.1uF/250VAC	MKT Metalized Polyester Film Cap.(BOX)
580009995	.39uF/200V	RFI AC Cap.
580009821	.39uF/250VAC	Film Cap.
570001656	0.22uF/250VAC	MKT X2 Safety Standards
580001394	0.22UF/250VAC	WIMA MP3
580009822	0.22uF/250VAC	Metalized Film Cap.
570001657	0.47/250VAC	MKP Polypropylene X2 UL/CSA/VDE
540001000	100NF	AC Capacitor 100NF/275VAC (RIFA)
580009991	10nF/.01uF	RFI AC Cap.
580001218	10NF/1000V	RFI AC Cap.
580001393	15PF/250VAC	MKT Capacitor
580001214	1NF/250VAC	RFI AC Cap.
580009990	1nF/250VAC	RFI AC Cap.
580009993	1nF/250VAC	RFI AC Cap.
*580009983	1uF/250V	MKS Metalized Polyester Cap.
580001215	2.2NF/250VAC	RFI AC Cap.
580001227	2.2NF/250VAC	MKP Polypropylene Cap. UL
580001584	2.2uF/20% 275VAC	Metal Film Capacitor
530000220	220nf/300V	Rifa PHE Film Capacitor 220nf/300V
580010256	222/250VAC	RFI AC Cap.
580001113	22NF/250V	Rifa MKT Propylene Film Cap. PME (BOX)
580001046	22NF/250VAC	AC Cap.
*580001115	22NF/600VAC	FKP WIMA Snubber Cap.
580001212	3.3NF/250VAC	RFI AC Cap.
580009994	3.3nF/250VAC	RFI AC Cap.
580001042	3300PF/250VAC	AC Cap. UL
580001228	3300PF/250VAC	RFI AC Cap.
580009992	3300PF/250VAC	RFI AC Cap.
580001219	332/250VAC	RFI AC Cap.
520000470	4.7NF	AC Capacitor 250VAC
580001220	4.7NF/250VAC	RFI AC Cap.
580001392	4.7UF/250VAC	RFI AC Capacitor
580009819	4.7uF/250VAC	Special RFI AC Cap.
*580001120	4700PF/250VAC	MKT Metalized Polyester Cap.
580009988	4700pF/250VAC	MKT Metalzd Poly. Film Cap. UL
580009818	6.8nF/250VAC	Rifa Cap.
570001658	6.8nF/275VAC	PME X2 All safety standards
580001121	6.8NF/275VAC	RFI RIFA Supression Cap.
580001224	680PF/250VAC	RFI AC Cap.

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# **SUPER CAPACITORS, ELECTROLYTIC CAPACITORS AND SMD ELECTROLYTIC**

Date Generated: 11/25/2011

**Super capacitors (a.k.a. Gold Cap, Memory Cap)**

<b>Item Code</b>	<b>PART NUMBER</b>	<b>Description</b>
530000222	.022F	Memory Cap. 5.5V
530000471	.047F	Memory Cap. 5.5V
580009997	.047F/5.5V	Gold Cap./ Memory Cap.
550015500	0.10F/5.5V	Memory/Gold Capacitor
77011932	0.1F/5V	Gold Cap. Super Cap./F

**Electrolytic capacitors**

<b>Item Code</b>	<b>PART NUMBER</b>	<b>Description</b>
580020341	.1uF/50V	Electrolytic Cap.
580001295	.22UF/50V	Electrolytic Cap.
580001502	.33uF/50	Electrolytic Cap.
580000437	0.022F 5.5V	Memory Cap. (Gold Cap.)
*580001485	0.1uF/50V	Electrolytic Cap.
580010672	0.1uf/50V	Mini Electrolytic Cap.
580001516	0.47UF/50V	Electrolytic Cap.
580001634	0.47uF/50V	Electrolytic Cap.
580010138	0.47uF/50V	Electrolytic Cap.
580010194	0.69uF/50V	Electrolytic Cap.
580000456	1000uF/10V	Electrolytic Cap.
77010393	1000uf/16v	1000uf/16v
531200160	1000UF/16V	Electrolithic Cap.
580001484	1000uF/16V	Electrolytic Cap.
77010218	1000uf/25v	ecap 1000uf/25v
*580001308	1000UF/35V	Electrolytic Cap.
580010742	1000uF/50V	Electrolytic Cap.
580020342	1000uF/6.3V	1000uF/ 6.3V Electrolytic Cap.
*580001641	100uF/10V	Electrolytic Cap.
580010123	100uF/10V	Electrolytic Cap.
580001486	100uF/16V	Electrolytic Cap.
580001492	100uF/16V	SMT Capacitor 100uf 16V 0603
*580010117	100uF/16V	Electrolytic Cap.
*77005675	100uF/25V	100uF/25V Electrolytic Cap.
580001305	100UF/25V	Electrolytic Cap.
580001489	100uF/35V	Electrolytic Cap.
580001490	100uF/50	SMT Capacitor 100uf 50V 20% 1812
77011748	100uf/50v	100uf/50v ecap
580001645	100uF/6.3V	Electrolytic Cap.
580010121	100uF/6.3V	Electrolytic Cap.
580020347	10uF/100V	10uF/100V Electrolytic Cap.
580020345	10uF/10V	10uF/10V Electrolytic Cap.
580001488	10uF/160V	Electrolytic Cap.
570000333	10UF/16V	Electrolytic Cap.
580010186	10uF/200V	Electrolytic Cap.
580010345	10uF/35V	10uF/35V Electrolytic Cap.
580001487	10uF/50V	Electrolytic Cap.
580000984	10uF/63V	Electrolytic Cap.
580001307	10UF/63V	Electrolytic Cap.
520000056	1200UF/10V	Electrolytic Cap.
580010120	1500/10V	Electrolytic Cap.
520000055	1500UF/10V	Electrolytic Cap.
580001643	16NF/10V	Electrolytic Cap.
*580001642	16uF/10V	Electrolytic Cap.
570000381	180UF/350SV	Electrolytic Cap.
580001491	18uF/400V	Electrolytic Cap.

580010118	18uF/400V	Electrolytic Cap.
580001713	1uF/100V	Capacitor Aluminum
580020240	1uF/10V	Electrolytic Cap. 1uf/10V
580020356	1uF/12V	1uF/12V Electrolytic Cap.
580001422	1uF/50V	Electrolytic Cap.
580001423	1UF/50V	Electrolytic Cap. Non-polarized
580001306	1UF/63V	Electrolytic Cap.
580001483	1uF/63V	Electrolytic Cap.
580010125	2.2uF/150V	Electrolytic Cap.
580001296	2.2UF/16V	Electrolytic Cap.
580001499	2.2uF/16V	Electrolytic Cap.
580001302	2.2UF/250V	Electrolytic Cap.
580001300	2.2UF/25V	Electrolytic Cap.
580001293	2.2UF/50V	Electrolytic Cap.
580001426	2.2uF/50V	Electrolytic Cap.
580001297	2200UF/10V	Electrolytic Cap.
580020346	2200uF/10V	2200uF/10V Electrolytic Cap.
570000337	2200uF/25V	Electrolytic Cap.
580001298	2200UF/25V	Electrolytic Cap.
*580001299	2200UF/50V	Electrolytic Cap.
580001497	2200uF/63V	Electrolytic Cap.
580010128	2200uF/63V	Electrolytic Cap.
580001646	220uF/16	Electrolytic Cap.
580001495	220uF/25V	Electrolytic Cap.
580020348	220uF/25v	220uF/25V Electrolytic Cap.
580001301	220UF/400V	Electrolytic Cap.
77011756	220uF/50V	220uF/50V Elec. Cap.
77011769	220uf/50v	ecap 220UF/50V
580001498	220uF/6.3V	Electrolytic Cap.
580001294	220UF/63V	Electrolytic Cap.
580001304	22UF/10V	Fixed alum Chip Elec. Cap.0.84x1.42
580001424	22UF/16V	Electrolytic Cap.
580001494	22uF/16V	Electrolytic Cap.
580010124	22uF/16V	Electrolytic Cap.
580001496	22uF/250V	Electrolytic Cap.
580001303	22UF/25V	Electrolytic Cap.
580001493	22uF/25V	Electrolytic Cap.
580001425	22uF/400V	Electrolytic Cap.
580001324	22UF/50V	Electrolytic Cap.
580020343	22uF/50V	22uF/50V Electrolytic Cap.
580010127	22uF/6.3V	Electrolytic Cap. None Polarized
580001312	3.3UF/16V	Electrolytic Cap.
580010134	3.3uF/16V	Electrolytic Cap.
520033500	3.3UF/50V	Electrolytic Cap.
580001309	3.3UF/50V	Electrolytic Cap.
580001428	3.3uF/50V	Electrolytic Cap. Non polarized
580001504	3.3uF/50V	Electrolytic Cap.
580000105	3300uF/ 50V	Electrolytic Cap.
77010934	3300UF/16V	3300UF/16V Ecap
550330025	3300uF/25V	Electrolytic Cap.
580001314	3300UF/50V	Electrolytic Cap.
580001311	330UF/16V	Electrolytic Cap.
580001500	330uF/16V	Electrolytic Cap.
580001501	330uF/50V	Electrolytic Cap.
580001429	330uf/6.3V	SMT Cap. Tantalum 330uf/6.3V
580010130	33uF/10V	Electrolytic Capacitor 33uf/10V
580001315	33UF/160V	Electrolytic Cap.
580001427	33uF/16V	Electrolytic Cap. Non polarized
*580001639	33uF/16V	Electrolytic Cap.
580010131	33uF/16V	Electrolytic Cap.
580001313	33UF/250V	Electrolytic Cap.
580001430	33uF/25V	Fixed Alum. Chip cap.33uf/35V

580001638	33uF/25V	Electrolytic Cap.
580001637	33uF/400V	Electrolytic Cap.
77011770	33UF/50V	ecap 33UF/50V
580001310	33UF/50V	Electrolytic Cap.
580020344	33uF/50V	33uF/50V Electrolytic Cap.
580001503	33uF400V	Electrolytic Cap.
*580000457	3900uF/10V	Electrolytic Cap.
77008016	4.7uf 35V	Electrolytic Capacitor 4.7uf/35V
580001319	4.7UF/250V	Electrolytic Cap.
570001659	4.7uF/25V	Electrolytic Cap. SILVER
580001666	4.7UF/25V	Electrolytic Cap.
580010139	4.7uF/25V	Electrolytic Cap.
580001323	4.7UF/50V	Electrolytic Cap.
580001318	4.7UF/63V	Electrolytic Cap.
580001321	4700UF/25V	Electrolytic Cap.
580010741	4700uF/50V	Electrolytic Cap.
550470400	470uF 400V	470uF 400V Electrolytic Cap.
580001506	470UF/10V	Electrolytic Cap.
580001635	470uF/10V	Electrolytic Cap.
580010135	470uF/10V	Electrolytic Cap.
580001320	470UF/160V	Electrolytic Cap.
580010137	470uF/200V	Electrolytic Cap.
580001636	470uF/25V	Electrolytic Cap.
580001317	470UF/50V	Electrolytic Cap.
580001505	470uF/6.3V	Electrolytic Cap.
580001509	470UF/63V	Electrolytic Cap.
580001633	470uF/63V	Electrolytic Cap.
580001431	47uF/10V	Electrolytic Cap.
*580001508	47uF/16V	Electrolytic Cap.
580001433	47uF/25V	Electrolytic Cap.
580001507	47uF/25V	Electrolytic Cap.
580001514	47UF/25V	Fixed Alum Chip Cap.SMT Elec.47uf/25v
580001511	47UF/63V	Electrolytic Cap.
580010140	47uF/63V	Electrolytic Cap.
530004760	47UF/6V	Tantalum 47uf/ 6V
580001515	560UF/63V	Electrolytic Cap.
580010142	6.8uF/400V	Electrolytic Cap.
520000304	6.8UF/40V	Electrolytic Cap.
580010141	680uF/10V	Electrolytic Cap.
520000010	EC1	1000UF/10V
520000020	EC2	1000UF/16V
520000030	EC3	3300UF/16V
520000040	EC4	3900UF/10V
580000152	HTP-M325	Plastic Brusstud HTP-M325

### SMD electrolytic Capacitors

Item Code	PART NUMBER	Description
580000953	0.47UF/50V	SMT Elec. Cap.
510000708	100UF/10V	CHIP CAP. (electrolytic)
580000951	100uF/10V	SMT Chip Elec. Cap.
580000963	100UF/16V	Alum Elec.Chip Cap. 6.20x6mm
510000702	100UF/50V	CHIP CAP. (electrolytic)
580000962	100UF/6.3V	SMT Elec. Cap.
580011169	10uf/100V	Fixed Alum.Elec.SMD d7.8 X8mm
580021040	10uF/16V	SMT Elec Chip Capacitor 10uf/16V 4x5
580000949	10uf/35V	Fixed Alum Chip Elec.Cap.10uf/35 6.3x5.8
510000707	220UF/10V	CHIP CAP. (electrolytic)
580000967	220UF/10V	Fixed Alum Chip SMT Elec.Cap.3.86x1.32mm
510000706	220UF/35V	CHIP CAP. (electrolytic)

520000039	220uf/6V	Fixed Aluminum Electrolytic Chip Cap.
580000968	220UF35V	SMT Elec. Cap.
510000709	22UF/16V	CHIP CAP. (electrolytic)
580000956	22UF/16V	Fixed Alum Elec. Chip Cap.1.07X1.45
580000961	22UF/6.3V	SMT Elec. Cap.
580000964	3.3UF/35V	SMT Ceramic Cap.3.3uf/35v 10% 1206
570000085	33UF/10V	CHIP CAP. (electrolytic)
580000965	33UF/10V	Fixed Alum Cip Cap. 33uf/10V 0.89x1.38
510000705	33UF/35V	CHIP CAP. (electrolytic)
580000966	33UF/35V	SMT Elec. Cap.
570000330	4.7uF/25V	SMT Eec. Cap.
580000954	4.7UF/25V	SMT Elec. Cap
580000955	4.7uF/35V	Fixed Alum.Cap.SMT Elec.4.7uf/35v 4X5mm
510000710	470UF/16V	CHIP CAP. (electrolytic)
580000969	470UF/16V	Fixed Alum. Elec. Chip Cap. 10X10.36
510000704	47UF/10V	Fixed Alum. Chip cap. 47uf/10v
580000958	47UF/10V	Fixed Alum.Elec. Chip Cap.5.18X5.47
510000703	47UF/16V	CHIP CAP. (electrolytic)
580000952	47UF/16V	Fixed Alum. Elec. Chip Cap. 2.19 X1.14
580000957	47UF/16V	SMT Elec. Cap.
580000960	47UF/4V	SMT Elec. Cap.
550047500	47uF/50V	SMT Electrolytic Cap.
570000082	47uF/50V	CHIP CAP. (electrolytic)
580000959	47UF/6.3V	SMT Elec. Cap.47uf 6.3V
580021039	47uF/63V	SMT Elec. Cap.

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# **CERAMIC AND MULTILAYER CERAMICS (MONOLYTIC)**

Date Generated: 11/25/2011

## Ceramic Capacitors

Item Code	PART NUMBER	Description
580001358	.001UF	Ceramic Cap.
580010219	.001uF	Ceramic Cap.
580001386	.0022UF/1500V	High Voltage Capacitor
580001261	.0047UF	Ceramic Cap.
580001094	.015UF	Ceramic Cap.
580001257	.015UF	Ceramic Cap.
*580010915	.015uF	Ceramic Cap.
580001045	.01NF/100V	Ceramic Cap.
580001237	.01UF	Ceramic Cap.
580001360	.01UF	Ceramic Capacitor
580001040	.01UF/1000V	High Voltage Cap.
580001246	.022UF	Ceramic Cap.
580001575	.022uF/25V	Ceramic Cap.
580001583	.047uF	Ceramic Capacitor
580001062	.33UF	Ceramic Cap.
580001384	.5PF	Capacitor
580000374	0.01UF	Feedthrough Cap.
580001248	1.2NF	Ceramic Cap.
*580010916	1.2nF	1.2nF/0.0012uF Ceramic Cap.
580010225	1.5PF	Ceramic Cap.
77006816	100nF (104)	100nF/104 Ceramic Cap.
*580001266	100PF NPO	Ceramic Cap.
580010210	100PF NPO	Ceramic Cap.
580009103	100PF/1000V	High Voltage Cap.
580001223	100PF/3000V	High Voltage Cap.
580010183	102	Ceramic Cap.
580010203	102PF	Ceramic Cap.
580001383	10NF	Ceramic Cap.
580010216	10NF/100V	Polyester Cap.
580010218	10PF	Ceramic Cap.
580010288	10pf 3000V	HV Capacitor 10pf 3000v
580001399	10uF	Film Capacitor
580001250	120PF	Ceramic Cap.
580010226	120PF	Ceramic Cap.
580010200	12PF	Ceramic Cap.
*580010917	150pF	150pF Ceramic Cap.
580010212	153PF	Ceramic Cap.
*520000053	15pF npo	Ceramic Cap.
580001267	180PF	Ceramic Cap.
77008310	18pf	capacitor 18pf
580010673	18pF	18pF Ceramic Cap.
580001238	1NF	Ceramic Cap.
580009104	1nF/3000V	High Voltage Cap.
580010220	1uF	Ceramic Cap.
560000201	200PF	200pF Ceramic Cap.
*520000054	20pF npo	Ceramic Cap.
580001249	220PF	Ceramic Cap.
580010204	220PF	Ceramic Cap.
580010215	220PF	Ceramic Cap.
580001104	220PF/1000V	High Voltage Cap.
580009101	220pF/2000V	High Voltage Cap.
520000316	222K	Ceramic Filter
580010190	222K	Ceramic Capacitor
*580000985	222K/.0022	Hi-Voltage Cap.
580010181	223K	Ceramic Cap.
580001263	22NF	Ceramic Cap.
580001362	22NF/1000V	High Voltage Cap.

580001363	22NF/1200V	High Voltage Cap.
*520000052	22pF npo	Ceramic Cap.
580001048	22PF/1000V	High Voltage Cap.
580001216	22PF/1000V	High Voltage Cap.
580010223	25NF	Ceramic Cap.
580001241	270PF	Ceramic Cap.
580001577	270PF	Ceramic Capacitor
580010179	270PF	Ceramic Capacitor
580010206	270PF	Ceramic Cap.
580000448	271K 2KV	Capacitor
520000050	27pF npo/50V	Ceramic Cap.
580001259	3.3NF	Ceramic Cap.
*580010921	3.3nF	3.3nF/0.0033uF Ceramic Cap.
580001255	330PF	Ceramic Cap.
580010217	332PF	Ceramic Cap.
580010182	333K	Ceramic Cap.
520000319	334/.33/330	Ceramic Cap.
580001582	334PF	Ceramic Capacitor
580001256	33PF	Ceramic Cap.
580010211	33PF	Ceramic Cap.
580001262	390PF	Ceramic Cap.
580001576	390PF	Ceramic Capacitor
580010205	390PF	Ceramic Cap.
580001242	390PF NPO	Ceramic Cap.
580001395	39PF	Molded Capacitor
580001254	3PF	Ceramic Cap.
580010207	3PF	Ceramic Cap.
580001247	3PF NPO	Ceramic Cap.
580010522	4.7NF/2000V	High Voltage Cap. Ceramic MOLDED
580009102	4.7NF/3000V	High Voltage Cap.
520000051	4.7pF npo	Ceramic Cap.
570000433	470PF	Ceramic Cap.
580001265	470PF	Ceramic Cap.
580010227	470PF	Ceramic Cap.
*580001063	470PF/3000VDC	High Voltage Cap.
580009999	470PF/3000VDC	High Voltage Cap.
580001051	470PF/6,000V	High Voltage Cap.
580009100	470pF/6000V	High Voltage Cap.
580010202	472PF	Ceramic Cap.
580010229	473K	Ceramic Cap.
580001260	47PF	Ceramic Cap.
580010221	47PF	Ceramic Cap.
580001258	47PF NPO	Ceramic Cap.
77008621	503pf ceramic cap.	503pf ceramic cap.
580001239	560PF	Ceramic Cap.
580001357	56PF	Ceramic Cap.
580001243	56PF NPO	Ceramic Cap.
580001252	56PF NPO	Ceramic Cap.
580010201	56PF NPO	Ceramic Cap.
77011951	5pf	ceramic cap. 5PF
580001365	5PF	Capacitor
580010214	5PF	Ceramic Cap.
580001251	5PF NPO	Ceramic Cap.
580001240	680PF	Ceramic Cap.
580001579	68PF	Ceramic Capacitor
580010208	68PF	Ceramic Cap.
580001268	68PF NPO	Ceramic Cap.
580010601	752pf/600V	High Voltage Polyester Film Cap.MOLDED
580010230	823K	Ceramic Cap.
580001253	823PF	Ceramic Cap.
580010209	82pF	Ceramic Cap.
580001264	82PF NPO	Ceramic Cap.

580001244	8PF	Ceramic Cap.
*580010924	8pF	8pF Ceramic Cap.
580010923	9pF	9pF Ceramic Cap.
580010222	BCF30R	Transistor SOT23 (C9)

**Multilayer Ceramic (monolytic) Capacitors**

<b>Item Code</b>	<b>PART NUMBER</b>	<b>Description</b>
580001235	.1 mono	Monolithic Cap.
570000386	.1UF	Monolithic Cap. (104)
570001652	100uF/25V	Multilayer Ceramic Cap.
580010228	224C	Monolithic Cap.
530000300	30PF	30pf 50V Multilayer (mono) ceramic cap.
580011594	470nf	monolytic Cap. 474nf
580011476	910nF/25V	Multilayer Capacitor 910nF/25V
532111050	TCD21E1E105M	1uf Multilayer (mono) ceramic capacitor
530001050	TDK105K	Monolithic Cap. 105 or 1uF

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# **TANTALUM CAPACITORS**

Date Generated: 11/25/2011

### Tantalum Capacitors: Through Hole

Item Code	PART NUMBER	Description
530022230	.22UF/35V	Tantalum .22uf/35V
530047350	.47UF/35V	Tantalum .47uf/35V
530001760	1.7uf/6v	Tantalum 1.7uf/6v
520010350	10-35	Tantalum 10uf/35v (10-35)
530010100	10UF/10V	Tantalum 10uf/10V
*530010161	10uf/16v	Tantalum 10uf/16v 1210
580010533	10uF/25V	Tantalum New!
*530001250	1uf/25v	Tantalum 1uf/25v
*77007553	1uF/35V	1uF/35V Tantalum
580010543	2.2uF/25V	Tantalum new!
530022350	2.2UF/35V	Tantalum 2.2uf/35V
530022100	22UF/10V	Tantalum 22uf/10V
580010534	22uF/16V	Tantalum New!
530002260	22uf/6v	Tantalum 22uf/6v
530033160	3.3UF/16V	Tantalum 3.3uf/16V
520003340	334	Tantalum .33uf (334)
530033100	33UF/10V	Tantalum 33uf/10v
530000472	4.7UF	Tantalum (475)
580010535	4.7uF/25V	Tantalum New!
530004761	4.7UF/6V	Tantalum 4.7uf/6V
530047100	47uf/10v	Tantalum 47uf/10v
550047400	47uF/4V	Tantalum

### Tantalum Capacitors: SMD

Item Code	PART NUMBER	Description
580011083	100uf/6.3V	Tantalum Capacitor 100uf/6.3V SMD
580010575	10uF/10V	SMT Tantalum smt
580010576	10uF/16V	SMT Tantalum 1210
570000004	10UF/16V 20%	SMT Tantalum
570000012	10UF/25V	SMT Tantalum SMT
*570000010	10UF/25V 10%	SMT Tantalum SMT
580010577	10uF/35V	SMT Tantalum
570000007	10UF/35V 10%	SMT Tantalum
570000008	10UF/6.3V	SMT Tantalum 1206
580000184	15uf/25v 10%	Tantalum SMT 15uf 25v 1210
580010580	15uF/35V	SMT Tantalum
580000183	15uf/35v 10%	Tantalum SMT 15uf/35v 10% 1210
570000011	1UF/16V 1206	SMT Tantalum 1206
570000009	1UF/16V 5%	SMT Tantalum 1206
550022107	2.2uF/10V	Tantalum SMT 2.2uf 10V 1206
551022104	2.2uF/10V	Tantalum 1210
530022250	2.2UF/25V	Tantalum 2.2uf/25V
570000005	22UF/16V 20%	SMT Tantalum
580010582	22uF/35V	SMT Tantalum
550033010	330uF/10V	Tantalum SMT
570000002	4.7UF/35V	SMT Tantalum 4.7uf/35V
580010578	47uF/10V	SMT Tantalum
570000001	47UF/20V 10%	SMT Tantalum
570000003	47UF/4V	SMT Tantalum
580010579	47uF/6V	SMT Tantalum
55000680	68uF/10% 6.3V	SMT Tantalum Capacitor
580010581	68uF/16V	SMT Tantalum

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# **FILM CAPACITORS INCLUDING MYLAR**

Date Generated: 11/25/2011

## Mylar Capacitors

Item Code	PART NUMBER	Description
77007898	100NF 400V	Mylar Cap. 100nf 400V 20%
77010556	103	Mylar capacitor (103 .01uf)
520001030	103K	Mylar Cap. 103/.01uf
77010452	104	Mylar capacitor (104k .1uf)
520001040	104K	Mylar Cap. Ployester Film Cap 104/.1uf
520001220	122K	Mylar Cap. 122/.0012uf
520001230	123J	Mylar Cap. 123/.012uf
520001240	124J	Mylar 124J/.12uF
520001520	152K	Mylar Cap. 152/.0015uf
520001530	153K	Mylar Cap. 153/.015uf
520001540	154K	Mylar Cap. 154/.15uf
580020119	182	1.8nF/0.0018uF Mylar
520001820	182J	Mylar Cap. 182/.0018uf
520001830	183J	Mylar Cap. 183/.018uf
520001840	184J	Mylar Cap. 184J /.18uf
520002220	222K	Mylar Cap. 222/.0022uf
520002230	223K	Mylar Cap. 223/.022uf
520002640	264J	Mylar Cap. 264J/.26uf
520002720	272J	Mylar Cap. 272/.0027uf
520002730	273K	Mylar Cap. 273/.027uf
580000000	2A393J	Mylar Cap. 2A393J
520003030	303K	Mylar Cap. 303k/.030uf
520003320	332K	Mylar Cap. 333/.0033uf
520003330	333J	Mylar Cap. 333/.033uf
520003920	392J	Mylar Cap. 392/.0039uf
520003930	393K	Mylar Cap. 393/.039uf
520004720	472J	Mylar Cap. 472/.0047uf
520004730	473K	Mylar Cap. 473/.047uf
520005620	562K	Mylar Cap. 562/.0056uf
520005630	563K	Mylar Cap.563/.056uf
520006200	620PJ	Mylar Cap. 620PJ
520006210	621J	Mylar Cap. 621J/620pf
530006210	621J	Mylar 621J / 620 pF
520006820	682K	Mylar Cap. 682/.0068uf
520006830	683K	Mylar 683K/.068 UF
520008220	822J	Mylar Cap. 822/.0082uf
520009120	912J	Mylar 912J/.0091uf

## Polypropylene Film Capacitors

Item Code	PART NUMBER	Description
580001369	.033uf/275VAC	MKP Metalized Film Cap. BOX
580001387	.1uf/250V	Polypropylene Film Cap.
580001389	.1UF/400V	MKT Polypropylene Film Cap.
580001111	.22UF/275VAC	MKP Metalzd Poly. Film Cap.BOX
580001110	0.47uF/250V	Special Cap. Polypropylene Cap.
580009823	0.47uF/275V	MKP Propylene Film Cap.KNB1530 (BOX)
550001114	0.47uF/400V	0.047uF MKP Capacitor
580010041	0.68UF/275VAC	MKP Metalized Film Capacitor KNB1560 BOX
520000000	1.0NF/250VAC	Rifa MKT Propylene Film Cap. PME (BOX)
580010290	100nf 275V	MKP Metallized Polypropylene Film Cap.
580001382	100PF	Polypropylene Film Cap.
580001229	1NF/1,600V	KP Polypropylene Cap.
580011017	1uF/275V	RIFA PHE Capacitor 1uf 275VAC
580009985	2.2nF/1250V	Polypropylene Cap.

580009986	2.2nF/1250V	Special FKP Polypropylene Wima Cap.
580011536	2200pf/250VAC	MKP Metal Propylene Film Cap.KNB2520 BOX
580001118	225pf/50V	Monolytic Film Capacitor 2.2uf/50V
580010001	22NF/250VAC	MKP Polypropylene Cap.
580010000	25nF	Polypropylene
580011523	4.7NF/2000V	Molded Propylene Polyester Cap.472PF
580011018	470pF/630VAC	Wima Film Capacitor FKP
580011486	473PF/ 630V	Metalized Polypropylene Film Cap.(MOLDED)
580009817	68nF/400V	KP Cap.

### Polystyrene Film Capacitors

Item Code	PART NUMBER	Description
580001391	.001UF	Ploystyrene Cap
580001385	.33UF	Film Cap.
58000114	0.47uF/63V	0.47uF/63V MKS Capacitor
580001348	1.2nF/63V	Film Cap.
580001412	1.5nF 10% 63V	Metal Film Polyester Cap.BOX
580001397	10NF	Film Cap.
580001401	22NF/200V	Film Capacitor
520011020	VSQSM1HS102J	Polystyrene 100PF/.001UF/1NF

### Polyester Film Capacitors

Item Code	PART NUMBER	Description
580001400	.001uF/600V	Film Capacitor
580010699	.0047uf/100V	Polyerter Film cap..0047uf/100V MOLDED
580020232	.015uf/100V	Polyester Film Cap. .015uf 100V MOLDED
580011518	.02uf/100V	Polyester Film Cap. .02uf/100V MOLDED
570001654	.068uF/400VDC	Polyester Film Cap.
580011519	.12uf/100V	Polyester Film Cap..12uf/100V MOLDED
580010324	.15uf/400V	Uncoated Polyester
580010315	.15uf/630v	UNCOATED POLYESTER FILM
580001408	.1uF/250V	Polyester Film Cap.
580011296	.1UF/63V	Metalized Film Cap. Boxed 100nf/63v 10%
580009825	.22uF/275V	MKT Propylene Film Cap.(BOX)
580001410	.22uF/63V	Polyester Film Cap.
580001409	.33uF	Polyester Film Cap.
580001390	.33UF/250V	MKP Metalized Polyester Cap.
580011286	.68uf/400V	Uncoated Polyester Metal Film Cap.
530011000	0.01NF/100V	Film Capacitor 0.01nf/100v
580009984	0.047uF/400V	WIMA MKT Metalzd Film Cap.
77008770	0.12uF	Molded Polyester Film Cap. 0.12uf
51000064	0.1U	Encapsulated Film Capacitor
580010331	0.1UF/630	Uncoated Polyester Film cap
580010002	0.22uF/250VAC	MKT Metal.Polyester Film Cap.
580010317	0.33uf/400v	Uncoated Polyester
570001655	0.39uF/200V	Polyester Cap
580001213	0.47UF/250V	0.47/250V Boxed Polyester Film Cap.
580010332	0.68uf/400v	Uncoated Polyester Film cap.
530151000	1.5NF/100V	Wima Film Capacitor 1.5nf/100v
580009816	1.5nF/63V	Boxed Polyester Film Cap
580001355	100nf/100V	Polyester Film Cap.100nf/100V MOLDED
580022015	100nF/100V	Mettalized Polyester Film Cap.BLUE (BOX)
580011420	100nF/63V	Film Capacitor 100nf/63V (Blue) (BOX)
580000214	102 (.001) 600V	Special High Voltage Cap.
521034000	103K/400V	Special High Voltage Cap. 103k/400V
580001127	10NF/400V	MKT Metalized Capacitor

580001407	10NF/400V	MKT Polyester Film Cap.
51000065	10NJ/100V	Film Capacitor
550106300	10uf/630v	10uF/630V RIFA Cap.
580011172	150nf/250V	Molded Polyester Capacitor
580001361	15UF/250V	Polyester Film Cap.
580001125	1NF/63V	Polyester Film Capacitor
580001402	1nF/63V	Polyester Film Cap.
580011174	1uf/100v	MOlded Polyester Film Capacitor(105)
580001356	1uF/63V	1uF/63V Polyester Film Cap.
580011287	1uf/63V	Uncoated Polyester Metal Film Cap.
580001349	2.2NF/100V	Polyester Film Cap.
51000066	220n/63V	Film Capacitor
77010430	220nf	Poleyester film cap.224/220nf
580010289	220nf 400V	Metal Film Capacitor 220nf 400V MMK
580011524	220NF/400V	MMK Metalized Film Cap./220nf/400V (BOX)
570000432	224N/63V	0.22uF 63V Polyester Film Capacitor
580001093	22NF/100V	Polyester Cap.
580001105	22NF/400V	Film Capacitor
580011173	22nf/400V	Molded Polyester Film Cap. High Volt.
580001406	22pF/63V	Polyester Cap.
580011477	3.3NF/2000V	High Voltage Multilayer Cap. (BOX)
580020373	3.3uf/50V	MKS Film Capacitor
580011517	330NF/100V	Polyester Film Cap.330nf/334/100V MOLDED
500000001	332J/2000V	Special High Voltage Cap.
580001347	33NF/100V	Polyester Film Cap.
580010318	33nf/250v	Uncoated Polyester
550334000	33NF/400V	33 NF/400V RIFA Cap.
580001122	33NF/400V	Film Capacitor
580001580	4.7nF/250V	Polyester Film Cap.
580011297	4.7nf/63V	Metalized Film Cap.0047uf/4.7nf/63V(BOX)
580010038	470NF/100V	Polyester Film Cap. 474/470nf 100v BOX
550010474	470pF/250V	470pF/250V MKT Metalized Polyester
56000040	47NF/100V	Polyester Film Cap.47NF/473/100V MOLDED
580001116	47UF/250V	Film Capacitor
580010319	560pf/1000v	MKT Metal Film Capacitor
580010316	6.2uf/420v	Uncoated Polyester
520006810	681pf/2000v	Special High Voltage Capacitor
580010948	682PF/600V	High Voltage Polyester Film Cap. MOLDED
580011522	684PF/250V	Polyester Film cap. 684pf/250v MOLDED
580011171	68nf/100V	Polyester Film Capacitor 68nf/100V
520000315	BF01410222K	0.0022uF 100V Film Cap./Polyester

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# **SMD CHIP RESISTORS**

Date Generated: 11/25/2011

### Chip Resistors form 0402

Item Code	PART NUMBER	Description
580021021	150? 1%	Precision SMT resistor 0402
580010613	150K 5%	SMT Resistor 0402
580010622	15K 1%	SMT Resistor 0402
580010624	180K 5%	SMT Resistor 0402
580010619	18K 5%	SMT Resistor 0402
580010626	196K 1%	SMT Resistor 0402
580010636	196R 1%	SMT Resistor 0402
580010631	1K 5%	SMT Resistor 0402
580010630	1M 5%	SMT Resistor 0402
580010704	470 ohms 5% 0402	470R 5% 0402

### Chip Resistors form 0603

Item Code	PART NUMBER	Description
550000001	0? 5%	SMT 0603 Resistor
580001659	0? 5%	SMT Resistor (0603)
570000115	1.3K	SMT Resistor 1.3K 5% 0603
550000150	1.5K 5%	SMT Resistor 0603
510010501	1.5M 5%	SMT (0603)
580010620	1.8K 5%	SMT Resistor 0603
580001660	1? 5%	SMT Resistor (0603)
510010263	10? 5%	SMT (0603) Chip Res.
510010262	100? 5%	SMT (0603) Chip Res.
580010637	113R 1%	SMT Resistor 0603
580010635	12R 0.5%	SMT Resistor 0603
510010279	130? 5%	SMT (0603) Chip Res.
550010603	150? 5%	SMT Chip Res. (0603)
580010618	154K 5%	SMT Resistor 0603
580010634	16K 1%	SMT Resistor 0603
580021023	182K 0.1%	SMT Chip Res. 0603
510010403	18K 5%	SMT (0603) Chip Res.
580010617	1M 5%	SMT Resistor 0603
510010059	2.2? 5%	SMT (0603) Chip Res.
510000403	2.2K 5%	SMT (0603) Chip Res.
510010141	2.2M 5%	SMT (0603) Chip Res.
510007008	20? 5%	SMT (0603) Chip Res.
510010211	220? 5%	SMT (0603) Chip Res.
510010286	220K 5%	SMT (0603) Chip Res.
580021041	220K 5%	SMT Chip Res.
510010056	22K 5%	SMT (0603) Chip Res.
510010251	270? 5%	SMT (0603) Chip Res.
510010290	27K 5%	SMT (0603) Chip Res.
510010019	2K .25%	Precision SMT (0603) Chip Res.
580021042	2K 5%	SMT Chip Res. 0603
510000407	2M 5%	SMT (0603) Chip Res.
510007002	30.1K 5%	SMT (0603) Chip Res.
570000084	33? 5%	SMT Resistor 33ohms 5% 0603
580001661	330? 5%	SMT Resistor (0603)
510005007	4.7? 5%	SMT (0603) Chip Res.
580020381	4.7? 5%	SMT Chip Res. 0603
570000109	4.7K	SMT Resistor 4.7K 5% 0603
570000093	4.7M	SMT Resistor 4.7M 5% 0603
580020362	47? 5%	SMT Resistor 0603
580020376	470? 5%	SMT Chip Res. 0603
580020385	470K 5%	SMT Chip Res. 0603

580021364	470K 5%	SMT Chip Res.
580001510	47k	SMR Resistor 47k 5% 0603
51000067	5.1M	SMT Resistor 5.1m 5% 0603
580011461	5.6? 5%	SMT Resistor 5.6 ohms 5% 0603
570000089	51K	SMT Resistor 51K 5% 0603
510010220	560? 5%	SMT (0603) Chip Res.
580001664	560K 5%	SMT Resistor (0603)
510010319	56K 5%	SMT (0603) Chip Res.
580021029	6.8K 5%	SMT Chip Res. 0603
580011460	620? 5%	SMT resistor 620 ohms 5% 0603
580001663	68 OHMS	SMT Resistor (0603)
510010350	68.1? 5%	SMT (0603) Chip Res.
570000027	68? 5%	SMT Resistor 68ohms 5% 0603
570000083	680? 5%	SMT Resistor 680ohms 5% 0603
51000070	7.5K	SMT Resistor 7.5K 5% 0603
570000048	82? 5%	SMT Resistor 82ohms 5% 0603
570000110	820K	SMT Resistor 820k 5% 1206
580021035	82K 5%	SMT Chip Res. 0603
510010239	9.1K 5%	SMT (0603) Chip Res.

### Chip Resistors form 0805

Item Code	PART NUMBER	Description
*580021031		
510010007	0? 5%	SMT (0805) Chip Res.
570000153	0? 5%	SMT Chip Res. (0805)
580010616	1.3K 5%	SMT Resistor 0805
510010230	1.5K 5%	SMT (0805) Chip Res.
580021017	1.5M 5%	1.5M 5% SMT Resistor (0805)
580010628	1.6K 5%	SMT Resistor 0805
510010270	1.8k 5%	SMT (0805) Chip Res.
510010003	1? 5%	SMT (0805) Chip Res.
510003322	100? 5%	SMT (0805) Chip Res.
510009005	100K .5%	SMT (0805) Chip Res.
510007009	100K 5%	SMT (0805) Chip Res.
570000157	100K 5%	SMT Chip Res. (0805)
510010233	10K 5%	SMT (0805) Chip Res.
510010259	110K 5%	SMT (0805) Chip Res.
*510010257	120? 5%	SMT (0805) Chip Res.
510010147	120K 5%	SMT (0805) Chip Res.
510010276	12K 5%	SMT (0805) Chip Res.
510010261	13K 5%	SMT (0805) Chip Res.
510010216	150? 5%	SMT (0805) Chip Res.
510010232	150K 5%	SMT (0805) Chip Res.
570000155	150K 5%	SMT Chip Res. (0805)
580010614	150K 5%	SMT Resistor 0805
580010627	153K 5%	SMT Resistor 0805
580010621	15K 1%	SMT Resistor 0805
580010615	16K 5%	SMT Resistor 0805
51000071	17K	SMT Resistor 17k 5% 0805
510010256	18? 5%	SMT (0805) Chip Res.
580010623	180K 5%	SMT Resistor 0805
570000129	182? 10%	SMT Chip Res. (0805)
510010149	1K 5%	SMT (0805) Chip Res.
580010633	1K 5%	SMT Resistor 0805
510000108	1M? 5%	SMT (0805) Chip Res.
510010293	2.2K 5%	SMT (0805) Chip Res.
510000194	2.4K 5%	SMT (0805) Chip Res.
510010292	2.4M 5%	SMT (0805) Chip Res.
570000203	2.4M 5%	SMT Chip. Res. (0805)

510010603	2.7? 5%	SMT (0805) Chip Res.
510000406	2.7K 5%	SMT (0805) Chip Res.
510007005	20? 5%	SMT (1206) Chip Res.
510007007	20? 5%	SMT (0805) Chip Res.
58000100	200?	SMT Resistor 0805 5%
510010128	200? 5%	SMT (0805) Chip Res.
510009007	200K 5%	SMT (0805) Chip Res.
510009003	20K 5%	SMT (0805) Chip Res.
510010215	22? 5%	SMT (0805) Chip Res.
510010210	220? 5%	SMT (0805) Chip Res.
510010255	22K 5%	SMT (0805) Chip Res.
580011267	24k 0805 resistor 5%	SMT 24k 0805 resistor 5%
580021044	26.1K 1%	SMT Chip Res.
510010252	270? 5%	SMT (0805) Chip Res.
510010245	270K 5%	SMT (0805) Chip Res.
510010237	27K 5%	SMT (0805) Chip Res.
510010235	2K 5%	SMT (0805) Chip Res.
510010305	3.3K 5%	SMT (0805) Chip Res.
570000087	3.9k	SMT Resistor 3.9K 5% 0805
510010297	3? 5%	SMT (0805) Chip Res.
510007004	300? 5%	SMT (0805) Chip Res.
580001573	33? 5%	SMT Resistor 33ohms 5% 0805
510010617	330? 5%	SMT (0805) Chip Res.
510010017	330K	SMT330k 5% (0805) Chip Res.
510000490	348K 5%	SMT (0805) Chip Res.
510000563	36? 5%	SMT (0805) Chip Res.
510010300	39? 5%	SMT (0805) Chip Res.
510010228	39K 5%	SMT (0805) Chip Res.
510000300	3K 5%	SMT (0805) Chip Res.
570000156	4.3K 5%	SMT Chip Res. (0805)
510010113	4.7? 5%	SMT (0805) Chip Res.
510010231	4.7K 5%	SMT (0805) Chip Res.
580020384	402K 1%	SMT Chip Res. 0805
570000262	45K	SMT Chip Res. (0805)
510010222	47? 5%	SMT (0805) Chip Res.
510010312	470? 5%	SMT (0805) Chip Res.
570000248	470? 5%	SMT Chip Res. (0805)
510000471	470K 5%	SMT (0805) Chip Res.
510003008	47K 5%	SMT Resistor (0805) Chip Res.
510000508	5.1K 5%	SMT (0805) Chip Res.
510010146	5.6K 5%	SMT (0805) Chip Res.
550000560	5.6M 5%	SMT Chip Resistor
510010324	5.6M? 5%	SMT (0805) Chip Res.
510010219	510? 5%	SMT (0805) Chip Res.
550051001	510? 5%	SMT (0805) Chip Resistor
510000566	51K 5%	SMT (0805) Chip Res.
570000100	51K 5%	SMT Chip Res. (0805)
580021032	53.6K 1% 0805	SMT Chip Resistor
510010317	560? 5%	SMT (0805) Chip Res.
510000514	56K 5%	SMT (0805) Chip Res.
580021026	6.81K 1%	SMT Chip Res. 0805
510000620	62? 5%	SMT (0805) Chip Res.
580021027	64.9K 1%	SMT Chip Res. 0805
510010624	66.5K 5%	SMT (0805) Chip Res.
510010038	68? 5%	SMT (0805) Chip Res.
510000526	680? 5%	SMT (0805) Chip Res.
510010242	68K 5%	SMT (0805) Chip Res.
510010221	750? 5%	SMT (0805) Chip Res.
510010357	75K 5%	SMT (0805) Chip Res.
550007501	75K 5%	SMT Chip Res.
580021036	8.25K 1%	SMT Chip Res. 8.25K 0805
510010144	8.2K 5%	SMT (0805) Chip Res.

580001710	8.2M	SMT Resistor 8.2m 5% 0805
510010217	82? 5%	SMT (0805) Chip Res.
550082001	82? 5%	SMT Chip Resistor 0805
510000548	820? 5%	SMT (0805) Chip Res.
570000086	82K 5%	SMT resistor 82K 5% 0805
510010627	9.1K 5%	SMT (0805) Chip Res.

#### Chip Resistors form 1206

Item Code	PART NUMBER	Description
510010209	0? 5%	SMT (1206) Chip Res.
580010629	1.2K 5%	SMT Resistor 1206
510010367	1.5K 5%	SMT (1206) Chip Res.
510010201	1.6M 5%	SMT (1206) Chip Res.
510010002	1? 5%	SMT (1206) Chip Res.
510000101	10? 5%	SMT (1206) Chip Res.
510003323	100? 5%	SMT (1206) Chip Res.
510009006	100K .5%	SMT (1206) Chip Res.
570000132	100K 5%	SMT Chip Res. (1206)
580021037	10K 1%	SMT Chip Res 1206
510010133	10M 5%	SMT (1206) Chip Res.
510010051	110? 5%	SMT (1206) Chip Res.
510010394	120? 5%	SMT (1206) Chip Res.
58021375	12K 5%	
510000120	12K 5%	SMT (1206) Chip Res.
510010377	13? 5%	SMT (1206) Chip Res.
510010373	130? 5%	SMT (1206) Chip Res.
510010171	13K 5%	SMT (1206) Chip Res.
510010181	15? 5%	SMT (1206) Chip Res.
580021024	158K 1%	SMT Chip Res. 1206
570000268	15K 5%	SMT (1206) Chip Res.
580021020	180? 1%	SMT Resistor 1206
510005005	1K 5%	SMT (1206) Chip Res.
580021043	2.2? 1%	SMT Chip Res.
510002200	2.2? 5%	SMT (1206) Chip Res.
510010036	2.2K 2%	SMT (1206) Chip Res.
510010608	2.2K 5%	SMT (1206) Chip Res.
570000208	2.8K	SMT Chip. Res. (1206)
510009008	200K 5%	SMT Resistor 200k (1206) Chip Res.
510009004	20K 5%	SMT (1206) Chip Res.
510000220	22? 5%	SMT (1206) Chip Res.
510010609	220? 5%	SMT (1206) Chip Res.
510010055	22K 2%	SMT (1206) Chip Res.
510000404	22K 5%	SMT (1206) Chip Res.
510010166	2K 5%	SMT (1206) Chip Res.
510010610	3.3K 5%	SMT (1206) Chip Res.
510010616	3.3M 5%	SMT (1206) Chip Res.
570000234	30.1K	Precision SMT Chip Res. (1206)
510010042	30? 5%	SMT (1206) Chip Res.
510010045	300K 5%	SMT (1206) Chip Res.
510010298	33? 5%	SMT (1206) Chip Res.
510008004	330? 5%	SMT (1206) Chip Res.
510010016	330K 5%	SMT (1206) Chip Res.
510000485	33K 5%	SMT (1206) Chip Res.
510000390	39? 5%	SMT (1206) Chip Res.
580021051	390? 1%	SMT Chip Res (1206)
510010043	390? 5%	SMT (1206) Chip Res.
510010033	390K 2%	SMT (1206) Chip Res.
510003900	390K 5%	SMT (1206) Chip Res.
570000236	39K 2%	SMT Chip Res. (1206)

510000301	3K 5%	SMT (1206) Chip Res.
510005008	4.7? 5%	SMT (1206) Chip Res.
550004700	4.7K 1% 1206	SMT Chip Resistor
510010208	4.7K 5%	SMT (1206) Chip Res.
510010014	47? 5%	SMT (1206) Chip Res.
510004705	470? 5%	SMT (1206) Chip Res.
510000472	470K 5%	SMT (1206) Chip Res.
510000473	47K 5%	SMT (1206) Chip Res.
510010039	5.1? 5%	SMT (1206) Chip Res.
510010199	5.1K 5%	SMT (1206) Chip Res.
550005100	5.1K 5%	SMT Chip Res. 5.1k 5% 0603
510010076	510? 5%	SMT (1206) Chip Res.
510010202	510K 5%	SMT (1206) Chip Res.
510000512	560K 2%	SMT (1206) Chip Res.
510010323	560K 5%	SMT (1206) Chip Res.
510010238	56K 5%	SMT (1206) Chip Res.
510000528	6.2K 5%	SMT (1206) Chip Res.
510010622	620K 2%	SMT (1206) Chip Res.
510010037	68? 5%	SMT (1206) Chip Res.
510010100	680K 2%	SMT (1206) Chip Res.
510010236	68K 5%	SMT (1206) Chip Res.
550006801	68K 5%	SMT Chip Res. 1206
550007502	75? 5%	SMT Chip Res.
510010625	750? 2%	SMT (1206) Chip Res.
510000539	750? 5%	SMT (1206) Chip Res.

#### Chip Resistors form 1210

Item Code	PART NUMBER	Description
510010052	110? 5%	SMT (1210) Chip Res.

#### Chip Resistors form 2010

Item Code	PART NUMBER	Description
510000152	1.5K 5%	SMT (2010) Chip Res.
510008001	30K 5%	SMT (2010) Chip Res.
510010170	39? 5%	SMT (2010) Chip Res.
510010077	510? 5%	SMT (2010) Chip Res.

#### Chip Resistors form 2312

Item Code	PART NUMBER	Description
580010983	1.5ohms 1% 2312	1.5ohms 1% SMT Resistor
580010982	100K 1% 2312	100K 1% SMT Resistor
510010127	200? 5%	SMT (2312) Chip Res.
570000108	7.5?	SMT Chip Res. (2312)
510008008	7.5? 5%	SMT (2312) Chip Res.

#### Chip Resistors form 2512

Item Code	PART NUMBER	Description
510010061	0.33? 5%	SMT (2512) Chip Res.
510010025	1.2? 5%	SMT (2512) Chip Res.
510008002	1.2K 5%	SMT (2512) Chip Res.

510010004	1? 5%	SMT (2512) Chip Res.
510000102	10? 5%	SMT (2512) Chip Res.
510003324	100? 5%	SMT (2512) Chip Res.
510010375	15K 5%	SMT (2512) Chip Res.
510000196	2? 5%	SMT (2512) Chip Res.
510007006	20? 5%	SMT (2512) Chip Res.
510010173	200? 1W 5%	SMT (2512) Chip Res.
510010109	200? 5%	SMT (2512) Chip Res.
510010075	24? 5%	SMT (2512) Chip Res.
510007003	300? 5%	SMT (2512) Chip Res.
510003300	33? 5%	SMT (2512) Chip Res.
510008005	330? 5%	SMT (2512) Chip Res.
510010078	330M? 5%	SMT (2512) Chip Res.
510000484	360? 5%	SMT (2512) Chip Res.
510005009	4.7? 5%	SMT (2512) Chip Res.
510000474	47K 5%	SMT (2512) Chip Res.
510000513	51? 5%	SMT (2512) Chip Res.
510010621	56K 5%	SMT (2512) Chip Res.

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# **SMD PRECISION CHIP RESISTORS**

Date Generated: 11/25/2011

**Precision Chip Resistors form 0402**

<b>Item Code</b>	<b>PART NUMBER</b>	<b>Description</b>
580011266	12.7? 1% 0402	SMT Chip resistor 12.7ohms 1% (0402)
510010192	270K 1%	Precision SMT (0402) Chip Res.

**Precision Chip Resistors form 0603**

<b>Item Code</b>	<b>PART NUMBER</b>	<b>Description</b>
510010378	1.2? 1%	Precision SMT (0603) Chip Res.
510010280	1.91K 1%	Precision SMT (0603) Chip Res.
510001002	100K 1%	Precision SMT (0603) Chip Res.
510000122	10K 1%	Precision SMT (0603) Chip Res.
510010092	12.1K 1%	Precision SMT (0603) Chip Res.
510010380	124? 1%	Precision SMT (0603) Chip Res.
510010379	13.3K 1%	Precision SMT (0603) Chip Res.
510001302	130? 1%	Precision SMT (0603) Chip Res.
510001301	13K 1%	Precision SMT (0603) Chip Res.
510003001	16.5K 1%	Precision SMT (0603) Chip Res.
580021019	178R 1%	178R 1% SMT Resistor 0603
510010273	18K 1%	Precision SMT (0603) Chip Res.
580021016	1K 0.25%	1k 0.25% High Precision (0603)
510010387	1K 5%	SMT (0603) Chip Res.
510010185	2.26K 1%	Precision SMT (0603) Chip Res.
510010294	2.37K 1%	Precision SMT (0603) Chip Res.
510010053	2.49K 1%	Precision SMT (0603) Chip Res.
580020371	200? 1% 0603	200R 1% Resistor 0603
510000199	20K .25%	Precision SMT (0603) Chip Res.
510000202	20K 1%	Precision SMT (0603) Chip Res.
510003006	21.5K 1%	Precision SMT (0603) Chip Res.
510000410	225? 1%	Precision SMT (0603) Chip Res.
510010225	22K 1%	Precision SMT (0603) Chip Res.
580021047	22K 1%	SMT Chip Res 0603
510000478	24.9? 1%	Precision SMT (0603) Chip Res.
510010612	3.01K 1%	Precision SMT (0603) Chip Res.
510010254	3.92K 1%	Precision SMT (0603) Chip Res.
570000227	30? 1%	Precision SMT Chip Res. (0603)
510010614	301? 1%	Precision SMT (0603) Chip Res.
550000300	30K 1%	SMT Res. 0603
510010304	330? 1%	Precision SMT (0603) Chip Res.
510010299	39? 1%	Precision SMT (0603) Chip Res.
510010301	390? 1%	Precision SMT (0603) Chip Res.
550030603	3K 1%	SMT Res. (0603)
510010316	4.32K 1%	Precision SMT (0603) Chip Res.
580021055	4.75K 1%	Precision SMT Chip Res 0603
510010026	43.2K 1%	Precision SMT (0603) Chip Res.
510010315	49.9? 1%	Precision SMT (0603) Chip Res.
510010021	49.9K 1%	Precision SMT (0603) Chip Res.
510000500	499? 1%	Precision SMT (0603) Chip Res.
510004991	499K 1%	Precision SMT (0603) Chip Res.
510000532	6.81K 1%	Precision SMT (0603) Chip Res.
510010355	63.4? 1%	Precision SMT (0603) Chip Res.
51000069	680K	SMT Resistor 680K 1% 0603
510004004	750? 1%	Precision SMT (0603) Chip Res.
510000551	8.87K .25%	Precision SMT (0603) Chip Res.
570000104	8.87K 0.25%	Precision SMT Chip Res. (0603)
510010204	976? 1%	Precision SMT (0603) Chip Res.

## Precision Chip Resistors form 0805

Item Code	PART NUMBER	Description
510010005	1.15K 1%	Precision SMT (0805) Chip Res.
510010389	1.21K 1%	Precision SMT (0805) Chip Res.
510010070	1.33M 1%	Precision SMT (0805) Chip Res.
510000182	1.33M 1/8W 1%	Precision SMT (0805) Chip Res.
510010080	1.37K 1%	Precision SMT (0805) Chip Res.
510010399	1.37K 1%	Precision SMT (0805) Chip Res.
570000136	1.3K 1%	Precision SMT Chip Res. (0805)
510010073	1.5? 1%	Precision SMT (0805) Chip Res.
51000181	1.58? 1%	Precision SMT (0805) Chip Res.
510001580	1.58K 1%	Precision SMT (0805) Chip Res.
510000150	1.5K 1%	Precision SMT (0805) Chip Res.
510010395	1.62K 1%	Precision SMT (0805) Chip Res.
510010388	1.65K 1%	Precision SMT (0805) Chip Res.
510010271	1.6K 1%	Precision SMT (0805) Chip Res.
510001820	1.82K 1%	Precision SMT (0805) Chip Res.
510010400	1? 1%	Precision SMT (0805) Chip Res.
510010396	10.7K 1%	Precision SMT (0805) Chip Res.
510000556	100? 1%	Precision SMT (0805) Chip Res.
510000561	100K 1%	Precision SMT (0805) Chip Res.
510001001	100K 1%	Precision SMT (0805) Chip Res.
510010390	105K 1%	Precision SMT (0805) Chip Res.
510010032	10K .1%	Precision SMT (0805) Chip Res.
510000110	10K 1%	Precision SMT (0805) Chip Res.
510006001	10ohms 1%	Precision SMT (0805) Chip Res.
510010093	11.5K 1%	Precision SMT (0805) Chip Res.
510010500	110K 1%	Precision SMT (0805) Chip Res.
510010158	12.1K 1%	Precision SMT (0805) Chip Res.
510010086	121K 1%	Precision SMT (0805) Chip Res.
510004002	13.7K 1%	Precision SMT (0805) Chip Res.
510003326	137K 1%	Precision SMT (0805) Chip Res.
510001300	13K 1%	Precision SMT (0805) Chip Res.
570000130	147K 1%	Precision SMT Chip Res. (0805)
510010117	15? 1%	Precision SMT (0805) Chip Res.
510000562	150? 1%	Precision SMT (0805) Chip Res.
510014444	15K 1%	Precision SMT (0805) Chip Res.
510002009	16.5K 1%	Precision SMT (0805) Chip Res.
510010132	165K 1%	Precision SMT (0805) Chip Res.
510010272	17.4K 1%	Precision SMT (0805) Chip Res.
510010374	18.2K 1%	Precision SMT (0805) Chip Res.
510010264	18K 1%	Precision SMT (0805) Chip Res.
580010766	18K 1% 0805	SMT chip resistor
510000185	1K 0.1%	Precision SMT (0805) Chip Res.
510010370	1K 1%	Precision SMT (0805) Chip Res.
510010401	1K 1%	Precision SMT (0805) Chip Res.
570000123	1K 1%	Precision SMT Chip Res. (0805)
510010366	1M? 1%	Precision SMT (0805) Chip Res.
510010064	2.21K 1%	Precision SMT (0805) Chip Res.
510010118	2.26K 1%	Precision SMT (0805) Chip Res.
510000192	2.2K 1%	Precision SMT (0805) Chip Res.
580010136	2.37k	SMT Resistor 2.37k 1% 0805
510010607	2.49K 1%	Precision SMT (0805) Chip Res.
580001432	2.7M	SMT Capacitor 2.7M 1% 0805
510008009	2.87 1%	Precision SMT (0805) Chip Res.
510010104	2.87K 1%	Precision SMT (0805) Chip Res.
510010602	20? 1%	Precision SMT (0805) Chip Res.
510002000	200? 1%	Precision SMT (0805) Chip Res.
510010600	200K .1%	Precision SMT (0805) Chip Res.

510008006	200K 1%	Precision SMT (0805) Chip Res.
510003007	21.5K 1%	Precision SMT (0805) Chip Res.
510002150	215K 1%	Precision SMT (0805) Chip Res.
510010601	22.1K 1%	Precision SMT (0805) Chip Res.
510010289	22? 1%	Precision SMT (0805) Chip Res.
510010288	220? 1%	Precision SMT (0805) Chip Res.
510000197	221 1%	Precision SMT (0805) Chip Res.
510010364	22K 1%	Precision SMT (0805) Chip Res.
580010767	22K 1% 0805	22K SMT Chip resistor
510002370	23.7K 1%	Precision SMT (0805) Chip Res.
570000207	23.7K 1%	SMT Chip. Res. (0805)
510000237	237K 1%	Precision SMT (0805) Chip Res.
510010162	24.9K 1%	Precision SMT (0805) Chip Res.
510000190	240? 0.1%	Precision SMT (0805) Chip Res.
510010285	24K 1%	Precision SMT (0805) Chip Res.
510000476	255K 1%	Precision SMT (0805) Chip Res.
510000412	267? 1%	Precision SMT (0805) Chip Res.
580010939	270R 1% 0805	270R 1% SMT Resistor
510010190	274? 1%	Precision SMT (0805) Chip Res.
580021045	274? 1%	SMT Chip Res. 0805
510000479	29.4? 1%	Precision SMT (0805) Chip Res.
510010282	2K 1%	Precision SMT (0805) Chip Res.
510010611	3.01K 1%	Precision SMT (0805) Chip Res.
580021052	3.01K 1%	SMT Chip Res. 0805
510010063	3.01K 1/4W 1%	Precision SMT (0805) Chip Res.
510010020	3.32K .1%	Precision SMT (0805) Chip Res.
510010010	3.32K 1%	Precision SMT (0805) Chip Res.
510010306	3.3K 1%	Precision SMT (0805) Chip Res.
510010024	3.83K 1%	Precision SMT (0805) Chip Res.
510010295	3? 1%	Precision SMT (0805) Chip Res.
570000225	300? 1%	Precision SMT Chip Res. (0805)
510004000	301K 1%	Precision SMT (0805) Chip Res.
510010206	330? 1%	Precision SMT (0805) Chip Res.
580010937	330R 1% 0805	330R 1% SMT resistor
510003320	332K 1%	Precision SMT (0805) Chip Res.
510003480	34.8K 1%	Precision SMT (0805) Chip Res.
510000494	348K 1%	Precision SMT (0805) Chip Res.
510000488	36.5K 1%	Precision SMT (0805) Chip Res.
510000487	365K 1%	Precision SMT (0805) Chip Res.
510010618	390? 1%	Precision SMT (0805) Chip Res.
510010619	4.02K 1%	Precision SMT 0805 Chip Res.
510004530	4.53K 1%	Precision SMT (0805) Chip Res.
510010313	4.75K 1%	Precision SMT (0805) Chip Res.
510010310	4.7M 1%	Precision SMT (0805) Chip Res.
580021056	4.99K 0.1%	Precision SMT hip Res. 0805
510000503	40.2K 1%	Precision SMT (0805) Chip Res.
510000502	402? 1%	Precision SMT (0805) Chip Res.
510005003	402K 1%	Precision SMT (0805) Chip Res.
510010027	43.2K 1%	Precision SMT (0805) Chip Res.
580010976	430R 1% 0805	430R 1% SMT Resistor
510000560	47.5? 1%	Precision SMT (0805) Chip Res.
510004752	47.5K 1%	Precision SMT (0805) Chip Res.
510010311	470? 1%	Precision SMT (0805) Chip Res.
510010083	470K 1%	Precision SMT (0805) Chip Res.
510000507	475? 18W 1%	Precision SMT (0805) Chip Res.
530004750	475K 1%	Precision SMT (0805) Chip Res.
510010029	499? 1%	Precision SMT (0805) Chip Res.
510004992	499K 1%	Precision SMT (0805) Chip Res.
570000263	499K 1%	Precision SMT Chip Res. (0805)
510010040	5.1? 1%	Precision SMT (0805) Chip Res.
510005110	5.11K 1%	Precision SMT (0805) Chip Res.
510000509	5.36K 1%	Precision SMT (0805) Chip Res.

510010131	5.9K 1%	Precision SMT (0805) Chip Res.
510000515	51? 1%	Precision SMT (0805) Chip Res.
510010321	510? 1%	Precision SMT (0805) Chip Res.
510010111	511? 1%	Precision SMT (0805) Chip Res.
510010140	511K 1%	Precision SMT (0805) Chip Res.
510010095	51K .1%	Precision SMT (0805) Chip Res.
510010154	51K 1%	Precision SMT (0805) Chip Res.
510010069	536K 1%	Precision SMT (0805) Chip Res.
510005621	56.2K 1%	Precision SMT (0805) Chip Res.
510010318	560K 1%	Precision SMT (0805) Chip Res.
510003003	562? 1%	Precision SMT (0805) Chip Res.
510003005	562K 1%	Precision SMT (0805) Chip Res.
510000517	59? 1%	Precision SMT (0805) Chip Res.
510006400	6.49K 1%	Precision SMT (0805) Chip Res.
510010098	6.65K 1%	Precision SMT (0805) Chip Res.
510010084	6.81K 1%	Precision SMT (0805) Chip Res.
510010353	60.4K 1%	Precision SMT (0805) Chip Res.
51000068	604K	SMT Resistor 604K 1% 0805
510010065	604K 1%	Precision SMT (0805) Chip Res.
510010327	61.9? 1%	Precision SMT (0805) Chip Res.
510000565	649? 1%	Precision SMT (0805) Chip Res.
510000522	66.5K 1%	Precision SMT (0805) Chip Res.
510006650	66.5K 1%	Precision SMT (0805) Chip Res.
510010325	68.1? 1%	Precision SMT (0805) Chip Res.
510010354	680K 1%	Precision SMT (0805) Chip Res.
510010126	681K 1%	Precision SMT (0805) Chip Res.
580020986	681R 1%	681R 1% SMT Chip Res. 0805
510000537	7.6K 1%	Precision SMT (0805) Chip Res.
510010356	75? 1%	Precision SMT (0805) Chip Res.
510004005	750? 1%	Precision SMT (0805) Chip Res.
510000540	75K 1%	Precision SMT (0805) Chip Res.
510010164	8.87K 1%	Precision SMT (0805) Chip Res.
510008061	80.6K 1%	Precision SMT (0805) Chip Res.
510010035	86.6K 1%	Precision SMT (0805) Chip Res.
510010090	9.09K 1%	Precision SMT (0805) Chip Res.
510010363	9.1K 1%	Precision SMT (0805) Chip Res.
510000555	9.75? 1%	Precision SMT (0805) Chip Res.
580001640	95.3k	SMT Resistor 95.3k 1% 0805

### Precision Chip Resistors form 1206

Item Code	PART NUMBER	Description
520000120	1.2K 1%	Precision SMT (1206) Chip Res
580021015	1.2R 1% (1206)	1.2R 1% SMT Chip Resistor
510010205	1.33K 1%	Precision SMT (1206) Chip Res.
510010081	1.37K 1%	Precision SMT (1206) Chip Res.
510010391	1.3K 1%	Precision SMT (1206) Chip Res.
510000151	1.5K 1%	Precision SMT (1206) Chip Res.
510010386	1.5M 1%	Precision SMT (1206) Chip Res.
510010274	1.62M 1%	Precision SMT (1206) Chip Res.
510010240	1.69K 1%	Precision SMT (1206) Chip Res.
550016901	1.69K 1%	SMT Res. 1206
510010385	1.8K 1%	Precision SMT (1206) Chip Res.
510000104	1? 1%	Precision SMT (1206) Chip Res.
510006002	10? 1%	Precision SMT (1206) Chip Res.
510010018	100? 1%	Precision SMT (1206) Chip Res.
510010049	100K .1%	Precision SMT (1206) Chip Res.
510001000	100K 1%	Precision SMT (1206) Chip Res.
510000107	10K 1%	Precision SMT (1206) Chip Res.
510010392	11.3K 1%	Precision SMT (1206) Chip Res.

510010094	11.5K 1%	Precision SMT (1206) Chip Res.
510010278	11.8K 1%	Precision SMT (1206) Chip Res.
510010048	110K 1%	Precision SMT (1206) Chip Res.
510010382	11K 1%	Precision SMT (1206) Chip Res.
510010393	12? .2%	SMT (1206) Chip Res.
510010114	12? 1%	Precision SMT (1206) Chip Res.
510008003	120? 1%	Precision SMT (1206) Chip Res.
510010150	121K 1%	Precision SMT (1206) Chip Res.
550013301	133R 1%	SMT 1206 Resistor
510003325	137K 1%	Precision SMT (1206) Chip Res.
510010116	15? 1%	Precision SMT (1206) Chip Res.
510010079	150? 1%	Precision SMT (1206) Chip Res.
510000153	150? 1%	Precision SMT (1206) Chip Res.
510010034	150K 1%	Precision SMT (1206) Chip Res.
510010183	15K 1%	Precision SMT (1206) Chip Res.
510010180	16.2K 1%	Precision SMT (1206) Chip Res.
510010398	160K 1%	Precision SMT (1206) Chip Res.
580010980	165ohms 1% 1206	165ohms 1% SMT Resistor
510010368	169K 1%	Precision SMT (1206) Chip Res.
510010372	17.8K 1%	Precision SMT (1206) Chip Res.
570000131	178K 1%	Precision SMT Chip Res. (1206)
510010376	180K 1%	Precision SMT (1206) Chip Res.
510010249	2.15K 1%	Precision SMT (1206) Chip Res.
510000409	2.2K 1%	Precision SMT (1206) Chip Res.
510010174	2.2M 1%	Precision SMT (1206) Chip Res.
510010066	2.37K 1%	Precision SMT (1206) Chip Res.
*510000477	2.37K 1/4W 1%	Precision SMT (1206) Chip Res.
510000413	2.49K 1%	Precision SMT (1206) Chip Res.
510000402	2.67K 1%	Precision SMT (1206) Chip Res.
510010241	2.74K 1%	Precision SMT (1206) Chip Res.
550027400	2.74K 1%	SMT Res. 1206
510009000	2.87 1%	Precision SMT (1206) Chip Res.
510004007	2.87K 1%	Precision SMT (1206) Chip Res.
510000414	20.0? 1%	Precision SMT (1206) Chip Res.
510010226	200? 1%	Precision SMT (1206) Chip Res.
510008007	200K 1%	Precision SMT (1206) Chip Res.
580010984	205ohms 1% 1206	205ohms 1% SMT Res.
510000201	20K 1%	Precision SMT (1206) Chip Res.
510010246	215? 1%	Precision SMT (1206) Chip Res.
510004003	22? 1%	Precision SMT (1206) Chip Res.
510002007	220? 1%	Precision SMT (1206) Chip Res.
510000193	220K 1%	Precision SMT (1206) Chip Res.
580010975	226ohms 1% 1206	226ohms 1% SMT Resistor
580021038	237 1%	SMT Chip Res. 1206
580001572	237K	SMT Resistor 237 1% 1206
510010163	24.9K 1%	Precision SMT (1206) Chip Res.
510000400	240? 1%	Precision SMT (1206) Chip Res.
510010168	240K 1%	Precision SMT (1206) Chip Res.
510000411	243? 1%	Precision SMT (1206) Chip Res.
510010161	249K 1%	Precision SMT (1206) Chip Res.
580021050	249K 1%	SMT Chip Res 1206
580010936	261R 1% 1206	261R 1% SMT Resistor
510000498	27.1K 1%	Precision SMT (1206) Chip Res.
510000408	27.4K 1%	Precision SMT (1206) Chip Res.
510010123	270? 1%	Precision SMT (1206) Chip Res.
510010191	274? 1%	Precision SMT (1206) Chip Res.
580010938	294R 1% 1206	294R 1% SMT resistor
510000200	2K 1%	Precision SMT (1206) Chip Res.
510000020	2M 1%	Precision SMT (1206) Chip Res.
510000491	3.01K 1%	Precision SMT (1206) Chip Res.
510010062	3.01K 1/4W 1%	Precision SMT (1206) Chip Res.
510010309	3.32M 1%	Precision SMT (1206) Chip Res.

510010023	3.83K 1%	Precision SMT (1206) Chip Res.
510010253	3.92K 1%	Precision SMT (1206) Chip Res.
510000392	3.9K 1%	Precision SMT (1206) Chip Res.
510003010	30.1K 1%	Precision SMT (1206) Chip Res.
510004001	301K 1%	Precision SMT (1206) Chip Res.
510000493	30K 1%	Precision SMT (1206) Chip Res.
580010973	324ohms 1% 1206	324ohms 1% SMT Resistor
510003328	33.2? 1%	Precision SMT (1206) Chip Res.
510010134	33.2K 1%	Precision SMT (1206) Chip Res.
510005002	33? 1%	Precision SMT (1206) Chip Res.
510003321	332K 1%	Precision SMT (1206) Chip Res.
510000489	39.2K 1%	Precision SMT (1206) Chip Res.
510000486	392? 1%	Precision SMT (1206) Chip Res.
510010615	392? 1%	Precision SMT (1206) Chip Res.
510000391	39K 1%	Precision SMT (1206) Chip Res.
510000497	4.02K 1%	Precision SMT (1206) Chip Res.
510010046	4.32K 1%	Precision SMT (1206) Chip Res.
510010620	4.42K 1%	Precision SMT (1206) Chip Res.
510010188	4.53K 1%	Precision SMT (1206) Chip Res.
570000249	4.75? 1%	Precision SMT Chip Res. (1206)
510000504	4.75K 1%	Precision SMT (1206) Chip Res.
510000470	4.7K1%	Precision SMT (1206) Chip Res.
510004993	4.99K 1%	Precision SMT (1206) Chip Res.
510000499	402? 1%	Precision SMT (1206) Chip Res.
580010977	412ohms 1% 1206	412ohms 1% SMT Resistor
510004751	47.5K 1%	Precision SMT (1206) Chip Res.
510010082	470K 1%	Precision SMT (1206) Chip Res.
510004750	475? 1%	Precision SMT (1206) Chip Res.
570000329	49.9K	Precision SMT Chip Res. (1206)
570000320	49.9K 1%	Precision SMT Chip Res. (1206)
510010030	499? 1%	Precision SMT (1206) Chip Res.
510004990	499K 1%	Precision SMT (1206) Chip Res.
510000557	5.1? 1%	Precision SMT (1206) Chip Res.
570000107	5.1? 1%	Precision SMT Chip Res. (1206)
510000511	5.11K .1%	Precision SMT (1206) Chip Res.
510010124	5.62K 1%	Precision SMT (1206) Chip Res.
580010340	536ohms 1% 1206	536ohms 1% SMT resistor
510005620	56.2K 1%	Precision SMT (1206) Chip Res.
510000516	56? 1%	Precision SMT (1206) Chip Res.
510000521	560? 1%	Precision SMT (1206) Chip Res.
510005600	560K 1%	Precision SMT (1206) Chip Res.
510003002	562? 1%	Precision SMT (1206) Chip Res.
510003004	562K 1%	Precision SMT (1206) Chip Res.
510010623	6.06K 1%	Precision SMT (1206) Chip Res.
510000525	6.49K 1%	Precision SMT (1206) Chip Res.
510000527	6.66K 1%	Precision SMT (1206) Chip Res.
510010085	6.81K 1%	Precision SMT (1206) Chip Res.
510010155	61.9K 1/4W 1%	Precision SMT (1206) Chip Res.
510000523	620K 1%	Precision SMT (1206) Chip Res.
510000524	681? 1%	Precision SMT (1206) Chip Res.
580001717	681k	SMT Resistor 681k 1% 1206
580010985	681R 1% 1206	681R 1% 1206 SMT Res.
510004008	68K 1%	Precision SMT (1206) Chip Res.
510000535	75? 1%	Precision SMT (1206) Chip Res.
510000750	75K 1%	Precision SMT (1206) Chip Res.
510000549	8.06? 1%	Precision SMT (1206) Chip Res.
510008062	8.06K 1%	Precision SMT (1206) Chip Res.
570000096	8.06K 1%	Precision SMT Chip Res. (1206)
510010200	8.25K 1%	Precision SMT (1206) Chip Res.
510000550	8.45K 1%	Precision SMT (1206) Chip Res.
510010359	8.61K 1%	Precision SMT (1206) Chip Res.
510000543	8.66K 1%	Precision SMT (1206) Chip Res.

580001644	8.87k	SMT Resistor 8.87k 1% 1206
510010361	82.5K 1%	Precision SMT (1206) Chip Res.
510000545	820? 1%	Precision SMT (1206) Chip Res.
510000542	82K 1%	Precision SMT (1206) Chip Res.
510010157	84.5? 1%	Precision SMT (1206) Chip Res.
510000553	9.31K 1%	Precision SMT (1206) Chip Res.

#### Precision Chip Resistors form 2010

Item Code	PART NUMBER	Description
510000195	2.32K 1%	Precision SMT (2010) Chip Res.
510010068	200? 1%	Precision SMT (2010) Chip Res.
510010195	5.62K 1%	Precision SMT (2010) Chip Res.
510008063	8.06K 1%	Precision SMT (2010) Chip Res.

#### Precision Chip Resistors form 2312

Item Code	PART NUMBER	Description
580010981	150K 1% 2312	150K 1% SMT Resistor
580010979	2.0ohms 1% 2312	2.0ohms 1% SMT Resistor
510010248	2.2K 1%	Precision SMT (2312) Chip Res.
510004009	22? 1%	Precision SMT (2312) Chip Res.
580010974	220R 1% 2312	220R 1% SMT Resistor
510000481	24K 1%	Precision SMT (2312) Chip Res.
510000482	27K 1%	Precision SMT (2312) Chip Res.
510005001	33? 1%	Precision SMT (2312) Chip Res.
510010041	5.1? 1%	Precision SMT (2312) Chip Res.
510010151	7.5? 1%	Precision SMT (2312) Chip Res.
510000554	9.1? 1%	Precision SMT (2312) Chip Res.

#### Precision Chip Resistors form 2512

Item Code	PART NUMBER	Description
510005006	1.5K 1%	Precision SMT (2512) Chip Res.
510002002	200? 1%	Precision SMT (2512) Chip Res.
510010613	33? 1%	Precision SMT (2512) Chip Res.

#### Precision Chip Resistors form 3212

Item Code	PART NUMBER	Description
510010122	270K 1%	Precision SMT (3212) Chip Res.
510010307	3.3K 1%	Precision SMT (2312) Chip Res.

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# **RESISTORS**

Date Generated: 11/25/2011

**Resistors 1/16 watts**

<b>Item Code</b>	<b>PART NUMBER</b>	<b>Description</b>
500000025	1.2K 1/16W 5%	Carbon Resistor
500000028	1.3K 1/16W 5%	Carbon Resistor
500000019	1.3M 1/16W 5%	Carbon Resistor
500000027	1.5K 1/16W 5%	Carbon Resistor
500000026	1.8K 1/16W 5%	Carbon Resistor
500000024	120K 1/16W 5%	Carbon Resistor
500000022	150K 1/16W 5%	Carbon Resistor
500000023	160K 1/16W 5%	Carbon Resistor
500000029	180K 1/16W 5%	Carbon Resistor
*500000030	5.6K 1/16W 5%	Carbon Resistor

**Resistors 1/8 watts**

<b>Item Code</b>	<b>PART NUMBER</b>	<b>Description</b>
580001592	1.5M 1/8W 5%	Resistor
580001596	1.8K 1/8W 5%	Resistor
580009837	1.8K 1/8W 5%	Resistor
580009826	10? 1/8W 5%	Resistor
580009835	10? 1/8W 5%	Resistor
580001437	10K 1/8W 5%	Resistor
580009834	10K 1/8W 5%	Resistor
580001434	10ohms 1/8W 5%	Resistor
580001590	120K 1/8W 5%	Resistor
580009827	15? 1/8W 5%	Resistor
580001595	18 ohms 1/8W 5%	Resistor
580009848	180? 1/8W 5%	Resistor
580009833	18K 1/8W 5%	Resistor
580001450	2.4K 1/8W 5%	Resistor
580001616	20 ohms 1/8w 5%	Resistor
580009853	22? 1/8W 5%	Resistor
580009861	22? 1/8W 5%	Resistor
580001619	220K 1/8W 5%	Resistor
580009871	22K 1/8W 5%	Resistor
580001446	250ohms 1/8W 5%	Resistor
580000463	2K 1/8W	Resistor
580000465	3.3K 1/8W	Resistor
580009890	3.3K 1/8W 5%	Resistor
580001558	33K 1/8W 1%	Precision Resistor
580009882	390? 1/8W 5%	Resistor
580009884	390? 1/8W 5%	Resistor
580001462	4.7k 1/8W 5%	Resistor
580009894	4.7K 1/8W 5%	Resistor
580001461	470K 1/8W 5%	Resistor
580001630	47ohms 1/8w 5%	Resistor
580009900	56? 5%	SMT Resistor 56 ohms 5% 0805
580009912	6.8K? 1/8W 5%	Resistor
580009910	68K? 1/8W 5%	Resistor
580001607	75 ohms 1/8W 5%	Resistor
580009973	82K 1/8W 5%	Resistor

**Resistors 1/4 watts**

<b>Item Code</b>	<b>PART NUMBER</b>	<b>Description</b>
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51000057	.047uf/630V	Metal Film Capacitor .047uf/630V
51000059	0.0033uf/1600V	High Voltage Polyester Film Cap. Molded
580009978	0? 1/4W 5%	Resistor
51000048	0? 5%	Carbon Resistor
*580001625	0490-1688	Coto Relay 12VDC 0490-1688
580001439	1.2K 1/4W 5%	Resistor
580001440	1.3K 1/4W 5%	Resistor
580001269	1.5K 1/4W 5%	Resistor
580001441	1.5K 1/4W 5%	Resistor
580000464	1? 1/4W	Resistor
580009966	1? 1/4W 5%	Resistor
580001604	10 ohms 1/4W 5%	Resistor
500000018	100? 1/16W 5%	Carbon Resistor
500000020	100K 1/16W 5%	Carbon Resistor
580009839	100K 1/4W 5%	Resistor
500000021	10K 1/16W 5%	Carbon Resistor
580000365	10K 1/4W	Carbon Resistor
580001606	10k 1/4W 5%	Resistor
580009845	10K 1/4W 5%	Resistor
580009838	10M 1/4W 5%	Resistor
580001591	10M1/4W 5%	Resistor
580001436	10ohms 1/4W 5%	Resistor
580001593	10ohms 1/4W 5%	Resistor
580001597	12 ohms 1/4W 5%	Resistor
580009828	12? 1/4W 5%	Resistor
580009850	120? 1/4W 5%	Resistor
580009846	12K 1/4W 5%	Resistor
580001281	12OHMS 1/4W 5%	Resistor
580009842	150K 1/4W 5%	Resistor
580001605	15ohms 1/4W 5%	Resistor
580009840	180? 1/4W 5%	Resistor
580001438	180K 1/4W 5%	Resistor
580009832	18K 1/4W 5%	Resistor
580001271	1K 1/4W 5%	Resistor
580001270	1M 1/4W 5%	Resistor
580001442	1M 1/4W 5%	Resistor
580001589	1M 1/4W 5%	Resistor
580009836	1M 1/4W 5%	Resistor
580009874	2.2? 1/4W 5%	Resistor
580001272	2.2K 1/4W 5%	Resistor
580001445	2.2K 1/4W 5%	Resistor
580001615	2.2K 1/4W 5%	Resistor
51000038	2.2K 5%	Carbon Resistor
580009859	2.4K 1/4W 5%	Resistor
51000039	2.4K 5%	Carbon Resistor
580009878	2.7? 1/4W 5%	Resistor
580001456	2.7K 1/4W 5%	Resistor
51000037	2.7K 5%	Carbon Resistor
51000033	20? 5%	Carbon Resistor
580001452	200 ohms 1/4W 5%	Resistor
580001598	200 ohms 1/4W 5%	Resistor
580009854	200? 1/4W 5%	Resistor
580000472	20K 1/4W	Resistor
51000041	20K 5%	Carbon Resistor
580001611	20ohms 1/4W 5%	Resistor
580001618	22 ohms 1/4W 5%	Resistor
580009862	22? 1/4W 5%	Resistor
580009864	22? 1/4W 5%	Resistor
580009964	22? 1/4W 5%	Resistor
580000469	220K 1/4W	Resistor
580001451	220k 1/4W 5%	Resistor
580001457	220K 1/4W 5%	Resistor

580009858	220K 1/4W 5%	Resistor
51000043	220K 5%	Carbon Resistor
580001282	22K 1/4W 5%	Resistor
580001454	22k 1/4W 5%	Resistor
580009855	22K 1/4W 5%	Resistor
580009870	22K 1/4W 5%	Resistor
51000035	22K 5%	Carbon Resistor
580001274	22OHMS 1/4W 5%	Resistor
580001449	22ohms 1/4W 5%	Resistor
580001455	240k 1/4W 5%	Resistor
580001620	240K 1/4W 5%	Resistor
51000042	240K 5%	Carbon Resistor
580001458	24k 1/4W 5%	Resistor
580009863	24K 1/4W 5%	Resistor
580009865	24K 1/4W 5%	Resistor
51000040	24K 5%	Carbon Resistor
580001544	26.4K 1/4W 1%	Precision Resistor
580001599	27 ohms 1/4W 5%	Resistor
580009866	27? 1/4W 5%	Resistor
580009868	27? 1/4W 5%	Resistor
580009857	270? 1/4W 5%	Resistor
580009867	270? 1/4W 5%	Resistor
580001273	270K 1/4W 5%	Resistor
580001447	270k 1/4W 5%	Resistor
580009852	270K 1/4W 5%	Resistor
580001443	270ohms 1/4w 5%	Resistor
580001621	27K 1/4W 5%	Resistor
580009829	27K 1/4W 5%	Resistor
580009869	27K 1/4W 5%	Resistor
51000034	27K 5%	Carbon Resistor
580009875	280? 1/4W 5%	Resistor
580000462	2K 1/4w	Resistor
580001448	2k 1/4W 5%	Resistor
580001453	2k 1/4W 5%	Resistor
580001609	2K 1/4W 5%	Resistor
580009860	2K 1/4W 5%	Resistor
51000036	2K 5%	Carbon Resistor
580001283	2M 1/4W 5%	Resistor
580001612	2M 1/4W 5%	Resistor
580001232	3.3 ohms	Fixed Resistor
580001518	3.3 ohms	Fixed Resistor
51000052	3.3K	Carbon Resistor
580001284	3.3K 1/4W 5%	Resistor
580009887	3.3K 1/4W 5%	Resistor
580001285	3.90OHMS 1/4W 5%	Resistor
580001286	3.90OHMS 1/4W 5%	Resistor
51000055	3.9K	Carbon Resistor
51000053	30K	Carbon Resistor
580001626	33 ohms 1/4w 5%	Resistor
580009879	33? 1/4W 5%	Resistor
580001624	330 ohms 1/4w 5%	Resistor
580001275	330HMS 1/4W 5%	Resistor
51000051	330K	Carbon Resistor
580001460	330K 1/4W 5%	Resistor
580001276	330K 1/4W 5%	Resistor
580001459	330ohms 1/4W 5%	Resistor
580000471	33K 1/4W	Resistor
580000474	33K 1/4W	Resistor
580009888	33K 1/4W 5%	Resistor
51000054	34K	Carbon Resistor
580009880	39? 1/4W 5%	Resistor
580001622	390 ohms 1/4w 5%	Resistor

51000050	3K	Carbon Resistor
580000468	3K 1/4W	Resistor
580009881	3K 1/4W 5%	Resistor
580009893	4.7? 1/4W 5%	Resistor
51000060	4.7K	Carbon Resistor
580009895	4.7K 1/4W 5%	Resistor
580001234	4.7ohms	Fixed resistor
580001628	4.7ohms 1/4w 5%	Resistor
580001520	47 ohms	Fixed Resistor
580009896	470? 1/4W 5%	Resistor
580001463	470K 1/4W 5%	Resistor
580009892	47K 1/4W 5%	Resistor
580001629	47ohms 1/4w 5%	Resistor
580009901	5.1K 1/4W 5%	Resistor
580001277	5.6K 1/4W 5%	Resistor
580001466	5.6K 1/4W 5%	Resistor
580001632	51 ohms 1/4w 5%	Resistor
580000261	51?	Carbon Resistor
580001467	560K 1/4W 5%	Resistor
580001278	56K 1/4W 5%	Resistor
580001465	56K 1/4W 5%	Resistor
580009898	56K 1/4W 5%	Resistor
51000032	56K 5%	Carbon Resistor
580001631	56ohms 1/4w 5%	Resistor
580001470	6.8K 1/4W 5%	Resistor
580001600	6.8K 1/4W 5%	Resistor
51000046	6.8K 5%	Carbon Resistor
580009909	6.8K? 1/4W 5%	Resistor
570000427	62? 1W	Carbon Resistor
580001468	62K 1/4W 5%	Resistor
580009905	62K 1/4W 5%	Resistor
51000047	62K 5%	Carbon Resistor
580001231	68 ohms	Fixed Resistor
580001517	68 OHMS	Fixed Resistor
580001603	68 ohms 1/4W 5%	Resistor
580001602	680 ohms 1/4w 5%	Resistor
580009906	680? 1/4W 5%	Resistor
580001601	680k 1/4W 5%	Resistor
510000044	680K 5%	Carbon Resistor
580001469	68K 1/4W 5%	Resistor
51000045	68K 5%	Carbon Resistor
580009915	7.5K? 1/4W 5%	Resistor
580001608	75 ohms 1/4W 5%	Resistor
580009914	75? 1/4W 5%	Resistor
51000056	750K	Carbon Resistor
580001471	75ohms 1/4W 5%	Resistor
51000062	8.2K	Carbon Resistor
580001472	8.2K 1/4W 5%	Resistor
580009972	8.2K 1/4W 5%	Resistor
51000063	820K	Carbon Resistor
580000470	820K 1/4W	Resistor
580009916	820K? 1/4W 5%	Resistor
51000061	82K	Carbon Resistor
580001280	9.1K 1/4W 5%	Resistor
580001279	91K 1/4W 5%	Resistor
51000031	91K 5%	Carbon Resistor
580009975	91K? 1/4W 5%	Resistor

### Resistors 1/2 watts

Item Code	PART NUMBER	Description
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580009976	.22K 1/2W 5%	Resistor
580009977	.33K 1/2W 5%	Resistor
530003900	0.39 OHMS 1/2W	High wattage resistor
530000560	0.56 OHMS 1/2W	High wattage resistor
530000910	0.91 OHMS 1/2W	High wattage resistor
580001594	1 ohms 1/2W 5%	Resistor
580001588	1.1ohms1/2W 5%	Resistor
580000473	1? 1/2W	Resistor
580000467	10? 1/2w	Resistor
580009831	100? 1/2W 5%	Resistor
580009844	10K 1/2W 5%	Resistor
580009841	120? 1/2W 5%	Resistor
580001617	200 ohms 1/2w 5%	Resistor
580001613	22 ohms 1/2W 5%	Resistor
580009856	22? 1/2W 5%	Resistor
580001444	22ohms 1/2W 5%	Resistor
580001610	22ohms 1/2W 5%	Resistor
580001614	27ohms 1/2W 5%	Resistor
580009885	3.3K 1/2W 5%	Resistor
580001627	330 ohms 1/2W 5%	Resistor
580009883	330? 1/2W 5%	Resistor
580009886	330k 1/2W 5%	Resistor
580001236	330ohms 1/2W 5%	Resistor
580010192	33ohms 1/2W	Resistor
580009897	4.7? 1/2W 5%	Resistor
580001464	470K 1/2W 5%	Resistor
580009899	560K 1/2W 5%	Resistor
530000621	62 OHMS 1/2W	resistor
580009908	680? 1/2W 5%	Resistor
580009913	750K? 1/2W 5%	Resistor

### Resistors 1 watt

Item Code	PART NUMBER	Description
580000283	0.47? 1W	Carbon Resistor
580000284	0.5? 1W	Carbon Resistor
580000285	0.5? 1W	Carbon Resistor
580000290	1.2K 5%	SMT Resistor 1.2k 5% 0805
580000296	1.5K 1W	Carbon Resistor
580000309	1.5M 1W	Carbon Resistor
580000302	1.8K 1W	Carbon Resistor
580000310	1.8M 1W	Carbon Resistor
580000300	1? 1W	Carbon Resistor
580009843	100? 1W 5%	Resistor
580000305	100K 1W	Carbon Resistor
580000313	120? 1W	Carbon Resistor
580000304	120K 1W	Carbon Resistor
580000306	12K 1W	Carbon Resistor
580000287	12M 1W 5%	Carbon Resistor
580000294	13K 1W	Carbon Resistor
580000286	150K 1W 5%	Carbon Resistor
580000303	18? 1W	Carbon Resistor
580000314	18? 1W	Carbon Resistor
580000316	18? 1W	Carbon Resistor
580000299	180? 1W	Carbon Resistor
580000288	180K 1W 5%	Carbon Resistor
580000289	18K 1W 5%	Carbon Resistor
580000315	19? 1W	Carbon Resistor
580000311	1K 1W	Carbon Resistor

580000291	1M 1W	Carbon Resistor
580000317	1M 1W	Carbon Resistor
580000331	2.2? 1W	Carbon Resistor
580000332	2.2M 1W	Carbon Resistor
580000333	2.7? 1W	Carbon Resistor
580000338	2.7K 1W	Carbon Resistor
580000324	2.7M 1W	Carbon Resistor
580000341	20? 1W	Carbon Resistor
580000319	200? 1W	Carbon Resistor
580000323	200K 1W	Carbon Resistor
580000327	20K 1W	Carbon Resistor
580000337	20K 1W	Carbon Resistor
580000330	220? 1W	Carbon Resistor
580000335	220K 1W	Carbon Resistor
580000334	22K 1W	Carbon Resistor
580000340	240? 1W	Carbon Resistor
580000322	24K 1W	Carbon Resistor
580000318	27? 1W	Carbon Resistor
580009873	27? 1W 5%	Resistor
580000320	270? 1W	Carbon Resistor
580009876	270? 1W 5%	Resistor
580000339	270K 1W	Carbon Resistor
580000325	27K 1W	Carbon Resistor
580000328	2K 1W	Carbon Resistor
580000360	3.3? 1W	Carbon Resistor
580000344	3.3K 1W	Carbon Resistor
580009889	3.3K 1W 5%	Resistor
580000348	3.3M 1W	Carbon Resistor
580000350	3.9? 1W	Carbon Resistor
580000354	3.9K 1W	Carbon Resistor
580000347	3.9M 1W	Carbon Resistor
580000352	3? 1W	Carbon Resistor
580000356	30? 1W	Carbon Resistor
580000361	300? 1W	Carbon Resistor
580000355	300K 1W	Carbon Resistor
580000451	33?	Resistor 33ohms x4
580000363	33? 1W	Carbon Resistor
580000353	330? 1W	Carbon Resistor
580000346	330K 1W	Carbon Resistor
580000342	33K 1W	Carbon Resistor
580000343	39K 1W 5%	Carbon Resistor
580000357	3K 1W	Carbon Resistor
580000362	3M 1W	Carbon Resistor
580000250	4.7?/1W	Carbon Resistor
580000252	4.70? 1W	Carbon Resistor
580000238	4.7K 1W	Carbon Resistor
580000247	47?/1W	Carbon Resistor
580000251	470K 1W	Carbon Resistor
580000237	47K 1W	Carbon Resistor
580000263	5.6K 1W	Carbon Resistor
580000256	50? 1W	Carbon Resistor
580000257	500?/1W	Carbon Resistor
580000253	500K 1W 5%	Carbon Resistor
580000265	510? 1W	Carbon Resistor
580000254	51K 1W 5%	Carbon Resistor
580001623	530 ohms 1W 5%	Resistor
580000259	560K 1W	Carbon Resistor
580000266	56K 1W	Carbon Resistor
580000258	5K 1W	Carbon Resistor
580000274	6.8? 1W	Carbon Resistor
580000275	6.8K 1W	Carbon Resistor
580000277	600? 1W	Carbon Resistor

580000273	68? 1W	Carbon Resistor
580000272	680K 1W	Carbon Resistor
580000270	68K 1W 5%	Carbon Resistor
580000279	8.2K 1W 5%	Carbon Resistor
580000280	82? 1W	Carbon Resistor
580000281	820 1W	Carbon Resistor
580000282	82K 1W	Carbon Resistor
580000278	850K 1W 5%	Carbon Resistor

### Resistors 2 watts

Item Code	PART NUMBER	Description
530000221	0.22 OHMS 2W	High wattage resistor
580009980	0.56? 2W 5%	Resistor
570000369	0.9 1? 2W	Carbon Resistor
580000454	0.9? 2W	Resistor
580000312	1.2? 2W	Carbon Resistor
580000295	1.2K 2W	Carbon Resistor
580000307	10? 2W	Carbon Resistor
580000298	100? 2W	Carbon Resistor
580000292	10K 2W	Carbon Resistor
580000293	12? 2W	Carbon Resistor
580000301	15? 2W	Carbon Resistor
580000297	150K 2W	Carbon Resistor
580000308	15K 2W	Carbon Resistor
580009847	15K 2W 5%	Resistor
580000453	15K 5% 2W	Resistor
580000329	2.2K 2W	Carbon Resistor
580000336	2? 2W	Carbon Resistor
580000321	22? 2W	Carbon Resistor
580009872	220? 2W 5%	Resistor
580000326	250? 2W	Carbon Resistor
580000359	3.2? 2W	Carbon Resistor
580000351	30K 2W	Carbon Resistor
580000358	39? 2W	Carbon Resistor
580000349	390? 2W	Carbon Resistor
580000345	390K 2W	Carbon Resistor
580000248	4.7M 2W	Carbon Resistor
580000264	5.1? 2W	Carbon Resistor
580000260	5.6? 2W	Carbon Resistor
580000262	5? 2W	Carbon Resistor
580000268	50K 2W	Carbon Resistor
580000267	51? 2W	Carbon Resistor
580000255	56? 2W	Carbon Resistor
580000271	62K 2W	Carbon Resistor
580000276	680? 2W	Carbon Resistor
580000364	750? 2W	Carbon Resistor
580009974	8.2? 2W 5%	Resistor

### Resistors 3 watts

Item Code	PART NUMBER	Description
520000312	0.27? 1W	RESISTOR 0.27ohms 5% 1W
580009979	0.27? 3W 5%	Resistor
580010175	0.27ohms 3W	Resistor
580009849	1.2? 3W 5%	Resistor
520000314	1.2?/3W	RESISTOR
580010174	1.2ohms 3W	Resistor

520000309	12K/3W	RESISTOR
580009877	2.7? 3W 5%	Resistor
520000313	2.7?/3W	RESISTOR
580010176	2.7ohms 3W	Resistor
560003330	3.3ohms 3W	3.3R Resistor 3W

#### Resistors 5 watts

Item Code	PART NUMBER	Description
*580020269	0.1ohms 5w	5w resistor
580020005	0.1R 5W	0.1R 5W Resistor
580020369	0.1R 5W	0.1R 5W Resistor
580009967	0.47? 5W 5%	Resistor
*520000310	1.2K/5W	RESISTOR
500000009	10?/10W	Resistor
580020006	100R 5W	100R 5W Resistor
580020365	100R 5W	100R 5W Resistor
77012752	10k	Resistor 5wt 10k
580000452	15? 5W	Resistor
500000016	15?/5W	Resistor
500000013	150?/5W	Resistor
580020364	1K 5W	1K 5W Resistor
500000008	1K?/5W	Resistor
580011161	2.7 ohms 5watt	Resistor 2.7 Ohms 5Watts
500000014	20?/5W	Resistor
580020361	220ohms 5W	220ohms 5W Resistor
580020007	220R 5W	220R 5W Resistor
560033500	3.3ohms 5W	Resistor 3.3ohms 5W
580001411	3.9? 5W	Resistor 3.9 ohms 5watts
77012755	330	Resistor 5wt 330ohm
580009965	47? 5W 5%	Resistor
510000316	47?/5W	Resistor
77015754	470	Resistor 5wt 470ohm
580020363	470ohms 5W	470ohms 5W
580020008	470R 5W	470R 5W Resistor
560010001	5 ohms 5Watt	Resistor 5 ohms 5Watt
500000006	500?/5W	Resistor
500000011	5K?/5W	Resistor
580010725	5W1RJ	1 ohm Resistor 5W
580010724	5W2.2KJ	2.2K Resistor 5W
580020370	680ohms 5W	680ohms 5W Resistor
580020009	680R 5w	680R 5w Resistor
580010037	8.2? 5W	Resistor
580010040	8? 5W	Resistor

#### Resistors 10 watts

Item Code	PART NUMBER	Description
580010550	10?/10W	Resistor
580010062	150? 10W	Resistor
580010039	8.2? 10W	Resistor

#### Resistors 20 watts

Item Code	PART NUMBER	Description
580011149	1.5ohms 20watts	Resistor 1.5ohms 20watts

580009962	160? 20W 5%	Resistor
580011148	1ohms 20watts	Resistor 1ohms 20watts
580011147	3ohms 20watts	Resistor 3ohms 20w

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# **PRECISION RESISTORS**

Date Generated: 11/25/2011

**Precision Resistors 1/8 watts**

<b>Item Code</b>	<b>PART NUMBER</b>	<b>Description</b>
580001533	100 ohms 1/8W 1%	Precision Resistor
580001524	116K 1/8W 1%	Precision Resistor
580009936	12K? 1/8W 1%	Resistor
580001557	3.9K 1/8W 1%	Precision Resistor

**Precision Resistors 1/4 watts**

<b>Item Code</b>	<b>PART NUMBER</b>	<b>Description</b>
580001568	0.92K 1/4W 1%	Precision Resistor
580001528	1.0K 1/4W 1%	Precision Resistor
580001531	1.57K 1/4W 1%	Precision Resistor
580001525	1.5K 1/4W 1%	Precision Resistor
580009929	1.74K? 1/4W 1%	Precision Resistor
580001530	1.82K 1/4W 1%	Precision Resistor
580001522	10.7K 1/4W 1%	Precision Resistor
580001569	10.7K 1/4W 1%	Precision Resistor
580009933	10.7K? 1/4W 1%	Precision Resistor
580009927	100K? 1/4W 1%	Precision Resistor
580009930	100K? 1/4W 1%	Precision Resistor
580001523	10K 1/4W 1%	Precision Resistor
580001570	10K 1/4W 1%	Precision Resistor
580001529	11.3K 1/4W 1%	Precision Resistor
580009934	11.5K? 1/4W 1%	Precision Resistor
580009932	12.2? 1/4W 1%	Precision Resistor
580009925	12.3? 1/4W 1%	Precision Resistor
580009931	12.30K? 1/4W 1%	Precision Resistor
580009935	13? 1/4W 1%	Resistor
580001527	130 ohms 1/4W 1%	Precision Resistor
580009926	130? 1/4W 1%	Precision Resistor
580001521	137K 1/4w 1%	Precision Resistor
580009928	150? 1/4W 1%	Precision Resistor
580001526	16.2K 1/4W 1%	Precision Resistor
580001532	17.8K 1/4W 1%	Precision Resistor
580001539	2.15K 1/4W 1%	Precision Resistor
580001546	2.18K 1/4W 1%	Precision Resistor
580001545	2.43K 1/4W 1%	Precision Resistor
580009939	20.0K? 1/4W 1%	Precision Resistor
580009937	20K? 1/4W 1%	Precision Resistor
580001541	21.5K 1/4W 1%	Precision Resistor
580001543	22.1K 1/4W 1%	Precision Resistor
580001542	22.6K 1/4W 1%	Precision Resistor
580009940	220K 1/4W 1%	Precision Resistor
580001540	237K 1/4W 1%	Precision Resistor
580009938	255K? 1/4W 1%	Precision Resistor
580001551	3.01K 1/4W 1%	Precision Resistor
580001552	3.07K 1/4W 1%	Precision Resistor
580001549	3.09K 1/4W 1%	Precision Resistor
580001550	3.30K 1/4W 1%	Precision Resistor
580009943	3.3K? 1/4W 1%	Precision Resistor
580001556	3.90K 1/4W 1%	Precision Resistor
580009942	3.90K? 1/4W 1%	Precision Resistor
580001548	3.9K 1/4W 1%	Precision Resistor
580009944	3.9K? 1/4W 1%	Precision Resistor
580001555	33.2K 1/4W 1%	Precision Resistor
580009941	33.2K? 1/4W 1%	Precision Resistor

51000049	330? 1%	Precision Carbon Resistor
580001553	348K 1/4W 1%	Precision Resistor
580001554	39ohms 1/4W 1%	Precision Resistor
580009947	4.641K? 1/4W 1%	Precision Resistor
580009945	4.64K? 1/4W 1%	Precision Resistor
580009949	4.7K? 1/4W 1%	Precision Resistor
580009946	4.99K? 1/4W 1%	Precision Resistor
580001563	402K 1/4W 1%	Precision Resistor
580001564	470K 1/4W 1%	Precision Resistor
580001561	47K 1/4W 1%	Precision Resistor
580009948	47K? 1/4W 1%	Precision Resistor
580001562	484K 1/4W 1%	Precision Resistor
580009950	50.4? 1/4W 1%	Precision Resistor
580009951	50.4K? 1/4W 1%	Precision Resistor
580009952	590? 1/4W 1%	Precision Resistor
580001535	6.49K 1/4W 1%	Precision Resistor
580001537	6.49K 1/4W 1%	Precision Resistor
580001536	6.87K 1/4W 1%	Precision Resistor
580009953	6.91K? 1/4W 1%	Precision Resistor
580001534	600K 1/4W 1%	Precision Resistor
580009954	604K? 1/4W 1%	Precision Resistor
580001538	66.5K 1/4W 1%	Precision Resistor
580009956	7.60? 1/4W 1%	Precision Resistor
580001547	75K 1/4W 1%	Precision Resistor
580009955	75K? 1/4W 1%	Precision Resistor
580001559	8.45ohms 1/4W 1%	Precision Resistor
580009957	8.87K? 1/4W 1%	Precision Resistor
580001560	82K 1/4W 1%	Precision Resistor
580009958	9.02K? 1/4W 1%	Precision Resistor
580009959	9.05K? 1/4W 1%	Precision Resistor
580009960	9.091K? 1/4W 1%	Precision Resistor
580001565	9.20K 1/4W 1%	Precision Resistor
580009961	9.2K? 1/4W 1%	Precision Resistor
580001566	9.50K 1/4W 1%	Precision Resistor
580001567	9.95K 1/4W 1%	Precision Resistor

### Precision Resistors 3 watts

Item Code	PART NUMBER	Description
580001233	5 ohms 3W 1%	Precision Resistor
580001519	5ohms 3W 1%	Resistor

### Precision Resistors 5 watts

Item Code	PART NUMBER	Description
580009963	1.5? 5W 1%	Resistor
580000120	11 OHM 5 Wt Precision	11 ohm 5WT Precision

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# **RESISTOR NETWORK**

Date Generated: 11/25/2011

## Resistor Network

Item Code	PART NUMBER	Description
580000201	100?	SIP Resistor
580010199	10K	SIP Resistor
77001019	15K	SIP resistor 9pins
580020374	1K	SIP Resistor 9 pins
580001080	2.2K	SIP Resistor
550047000	4.7K	SIP resistor
570000379	4.7K	SIP Resistor 10 pins
580001004	470?	SIP RESISTOR
580010157	5.1K	SIP Resistor
550068001	680K	SIP resistor
580000202	680K	SIP Resistor
530000840	8X-4	Resistor network 220 ohms/330 ohms 8pin
530094150	9415	SIP resistor 4.5k 8pin
530000090	C09X	SIP Resistor/1.5K Resistor Array
530093140	CTS9314	SIP resistor 1K 10pin
530000810	L81S	SIP Resistor 10k x 7 8 pin
550016030	MDP1603	Resistor Network
570000074	N2R	SMT Resistor Array
552200330	R220/330	SIP Resistor/Resistor array
*77008892	SIP Resistor	SIP resistor
570000400	SIP resistor 1k (102) 10	SIP resistor 1k (102) 10pins
570000399	SIP resistor 2.7K	SIP resistor 2.7K

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# **POTENTIOMETERS**

Date Generated: 11/25/2011

## Potentiometers

Item Code	PART NUMBER	Description
580001657	100K	POTENTIOMETER DOUBLE new!
580001088	100K(A)	Potentiometer Single w/ sw 9.5x11mm
520001031	103	Slide Potentiometer 10k
77008748	10k	Potentiometer 10k
570000390	10K	d16mm 10K Dual Potentiometers
580010587	10K	Potentiometer
580010595	10K	Volume Control 10K (A)
580010680	10K (A)	Volume Control
580010941	10K dual	10B Dual Potentiometer
580001330	10K single	Potentiometer 10K Single
580001087	10k(A)/50k(B)	Potentiometer Dual with switch 9.5x11mm
570000377	1K single	Potentiometers d16mm
580001089	1k(A)/1k(B)	Potentiometer 2 Gang 9.5x11mm
580010509	1Msingle	Potentiometer 1M new!
580001076	20k	Potentiometer Dual Audio
580010586	20K	Volume Control 20K
570000391	20K single	d16mm 20K Potentiometers
580010950	20K single	Potentiometer
570000398	500K	d16mm 500K Potentiometers
580000982	500K	Potentiometer single
570000378	50K	d16mm 50K Potentiometers
580001068	50K	Potentiometer 50k Quadruple
580001329	50K	Potentiometer Single
580010585	50K	Volume Control 50K
77011644	5k	5K potentiometer Single
580000981	5K	Potentiometer single
580010115	5K	Potentiometer
580010943	5K dual	5KB Dual Potentiometer
580000495	B10K?	Volume Control
580021390	C-10K	Volume Control 10KC
*77008472	PM	Precision Multi-turn Potentiometer

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# **TRIMMER RESISTORS**

Date Generated: 11/25/2011

## Trimmer Resistors

Item Code	PART NUMBER	Description
570000375	100?	Trimmer Resistor 100R TR1 new
580000094	100?	100r Trimmer Resistor type 1
520001041	100K	Trimmer Resistor 100K (bourns) old
550001001	100K	Trimmer Resistor small white
77005524	10k	trimmer resistor 103
*520001032	10K	Trimmer Resistor 10K old
570000403	10K	Trimmer Resistor 10K TR1 new
570000425	10K	Single turn Trimmer Res. Spectrol 10K 63X
580000090	10K	10k Trimmer Resistor type 1
520001020	1K	Trimmer Resistor 1K old
570000308	1K	Trimmer Resistor Spectrol 1K 63X
570000370	1K	Trimmer Resistor 1K TR1 new
580000092	1K	1k Trimmer Resistor type 1
580010966	1K Trimmer	Trimmer Resistor Blue
580010514	1M	Trimmer 1M 3386P NEW!
520002002	200?	Trimmer Res. 200 ohms 63P (SPECTROL)
520002010	200?	Trimmer Resistor 200 OHMS
580009904	200?	Trimmer Resistor small type
570000307	200K	Trimmer Resistor Spectrol 200K 64Z
570000405	200K	SMT Trimmer Resistor 200K
530632000	200R-K	Trimmer High Grade (spectrol) 63X
520002030	20K	Trimmer Resistor 20K (bourns)
530000200	20K	Trimmer Res. High Grade (SPECTROL)63P
560002000	20K	Trimmer ordinary
*520002020	2K	Trimmer Resistor 2K old
580010875	2K (202)	Trimmer Res.
520000058	330?	Trimmer resistor
580011285	470k	Trimmer Resistor (474)
580000097	47K? 25%	SMT Trimmer
580001208	500 ohms	Trimmer Resistor 3386H-1-501 (Bourns)
580001209	500 ohms	Trimmer Resistor 3386P-1-501 (Bourns)
520005010	500?	Trimmer Resistor 500 OHMS old
570000376	500?	Trimmer Resistor 500R TR1 new
580000095	500?	500r Trimmer Resistor type 1
580000946	500?	Trimmer Resistor (63X)
580010187	500K	Semi Fixed 500K
520005001	500R-K	Trimmer 500 ohms (SPECTROL) 63P
*520005020	502	Trimmer Resistor 5K BOURNS old
570000075	50K	SMT Trimmer Resistor
570000371	50K	Trimmer Resistor 50K TR1
580000093	50K	50k Trimmer Resistor type 1
580000948	50K	Trimmer Resistor 50K Spectrol 63P
580001069	50K	Trimmer 50k Plastic Black
520000500	50PF	Trimmer Capacitor 50pf
570000366	5K	Trimmer Resistor 5k TR1 new blue
580000059	EVL-HFAA06B53	Thumbwheel 5kohm, pot
77008473	PM	Precision Multi-turn Trim Pot

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# **MULTITURN TRIMMER RESISTORS**

Date Generated: 11/25/2011

## Multiturn Trimmer Resistors

Item Code	PART NUMBER	Description
540001003	100K	Multi Turn Trimmer Vishay 100K T18 10%
540001008	100K	Multi-turn Trimmer Spectrol 100K (64Y)
570000701	100K	Multi-turn Trimmer 64Z SPECTROL
570000702	100K	Multi-turn Trimmer 43P SPECTROL
540001004	10K	Multi-turn Trimmer Res.Spectrol 10K 43P
570000703	10K	Multi-turn Trimmer 63P SPECTROL
570000704	10K	Multi-turn Trimmer 63X SPECTROL
540000011	1K	Multi-turn Resistor 1k (63X)SPCTRL
540000102	1K	Multi-turn Trimmer Res.Vishay 1K T18 10%
540001006	1K	Multi-turn Trimmer Res. Spectrol 1K 43P
570000700	1K	Multi-turn Trimmer 63Y SPECTROL
570000709	200?	Multi-turn Trimmer 64P SPECTROL
580000947	200?	Trimmer resistor Spectrol 43P
570000707	200K	Multi-turn Trimmer 63P SPECTROL
570000708	200K	Multi-turn Trimmer 64Z SPECTROL
520000201	200R	Multi-turn Spectrol 200R (63X)
570000424	20K	Multi-turn Trimmer Res.Spectrol 20K 43P
570000713	20K	Multi-turn Trimmer 63X SPECTROL
520000021	2K	Trimmer Resistor Spectrol 2K 64Z
540002007	2K	Multi-turn trimmer Spectrol 2K 64Y
570000304	2K	Trimmer Resistor Spectrol 2K 63X
570000315	2K	Multi-turn Trimmer Res.Spectrol 2K 43P
520032660	3266?	Multiturn resistor (Bourns)
520005000	500?	Trimmer Resistor Spectrol 500 ohms 43P
570000711	500?	Multi-turn Trimmer 64Z SPECTROL
570000712	500?	Multi-turn Trimmer 63X SPECTROL
570000710	50K	Multi-turn Trimmer 63P SPECTROL
570000705	5K	Multi-turn Trimmer 64W SPECTROL
570000706	5K	Multi-turn Trimmer 64WR5KLF
580010255	5K	Trimmer Resistor Spectrol 43P
520895000	89PR500	Multiturn resistor
520000090	RJ-9	Multiturn resistor (Copal)

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# **CHOKER COIL/INDUCTORS & TRANSFORMERS**

Date Generated: 11/25/2011

## Choke Coil/Inductors Through Holes

Item Code	PART NUMBER	Description
580011632	0.68UH	Inductor 0.68UH axial type
580001092	1.2UH	Inductor Choke Coil
580000036	1.2uH 1/8w	Inductor
580010088	1.5 ohms	Inductor Choke Coil
580009922	1.5uH	Inductor
580011294	1.5UH	Adjustble Inductor E558cn-100024-P1
580001070	1.8uH	Inductor
580001075	100UH	Inductor molded BLUE
580010090	100uH	Inductor Choke Coil
580011157	100UH	SMD 100UH 20% 1.3A 0.226 Ohms12mm
520000301	119906Z7	IFT
580000979	12uH	Inductor
580010089	12uH	Inductor Choke Coil
580010076	140-220nH	Adjustable Inductor
580010768	150uH	Power Inductor Coil Brown
500000017	15UH	Inductor Choke Coil green
*580000037	15uH 1/4w	Inductor
*580010006	18uH	Inductor
580010091	18uH 1W	Inductor
580009830	1uH	Inductor Choke Coil
580009923	1uH	Inductor
580009851	2.2uH	Inductor
580010085	2.7ohms	Inductor Choke Coil
580009920	2.7uH	Inductor
580000466	22UH	22UH Inductor Axial Type
580010733	22uH	Inductor
580000112	2x1	Ferrite Bead 2x1 turns
550000330	3.3mH	Inductor
580001207	3.3mH	Power inductor
580009921	3.3uH	Inductor
570000332	33UH	Inductor CHOKE COIL old type
580010092	4.6	Inductor Choke Coil
580010004	4.6uH	Inductor
510000627	4.7UH	SMT Inductor 4.7UH (0805)
580010989	4.7UH	SMT Inductor 4.7UH (0805)
580001084	470	Inductors(Ferri) GREEN
580000492	470UH	470UH Inductor Axial Type
580011633	61UH	Inductor 61UH Molded Type
580010005	8.2uH	Inductor Resistor Type
580010093	8.2uH	Inductor Choke Coil
77011809	ADJ. Choke Coil	Ajustuble Choke Coil
580001029	Balun X-former	Balun X-former
580001028	choke coil	Inductor choke coil
580010078	Choke Coil	Inductor Choke Coil
580010082	Choke Coil	Inductor Choke Coil Yellow
580010083	Choke Coil	Inductor Choke Coil White
580010084	Choke Coil	Inductor Choke Coil brown
580010086	Choke Coil	Inductor Choke Coil blue
580010087	Choke Coil	Inductor Choke Coil Red
580010095	Choke Coil	Inductor Type Choke Coil
580010096	Choke Coil	Inductore Choke Coil Green
580001206	Ferrite Coil	Ferrite Coil
580001417	FERRITE COIL	Ferrite Coil
580010772	Toroid Coil	Toroid Coil Transformer

## Choke Coil/Inductors SMD

Item Code	PART NUMBER	Description
580000091	.47UH	SMT Inductor .47UH 5% 1206
580010722	1.5uH	SMT Inductor 013
580000079	100NH	SMT Inductor 100NH 5% 0603
580010769	100uH	SMD Power Inductor (101) 10mm
570000067	10UH	SMT Choke Coil
580010723	10uH 2W 2.5L	2W 2.5L SMT Inductor
580010297	12NH	INDUCTOR SMT12NH (0805)
580011158	150UH	Inductor (151) 1.55mm
580011573	150UH	Power Inductor SMD 151UH
580011654	15UH	SMD Power Inductor 12.10x6.10mm
580010298	180NH	INDUCTOR SMT 180NH (0805)
550001009	1mH	Inductor SMT 1206
580011331	1UH	SMT Inductor 1UH 5% 1206
580010773	2.2uH	SMD Inductor 2.2UH (0805)
580011082	2.2UH	2.2UH SMD 2.75x2.75mm Inductor
580010717	2.7uH	Inductor SMD 3Lx2.5W
580021030	220uH	SMT Ferrite Bead 0603
560010220	22uH	SMD Power Inductor
580010718	290nH	Inductor 1206
580010079	3.3uH	Inductor 3.3UH (0805)
580011183	33nH	Inductor Chip 33nH (0603)
580010721	4.7 uH	SMT Inductor 0603
570000068	4.7? UH	SMT Choke Coil 4.7 Ohms UH Inductor
580010291	42UH	42UH SMD Power Inductor 4.95mm
580000103	470NH	SMT Inductor 470NH 0603
580010731	47uH	Power Inductor SMD
580010770	47uH	SMD Power Inductor (470)
570000106	500UH	SMT Inductor(1206)
580011268	8.2UH	MMD-06CZ-8R2M-V1A Inductor 6.60X6.55mm
580011179	910NH	Inductor 910NH (0805)
550011201	Ferrite Bead	Ferrite Bead 600ohms 100MHz (0805)
580011167	MC152 Inductor SMT	1.5UH Inductor SMT

## Transformers

Item Code	PART NUMBER	Description
570000473	0228-J	SMT Transformer 8x8x3mm
570000467	1377-4	SMT Transformer 1377-4 16x16x16mm
570000411	1391-2	SMT Transformer 1391-2 9x10x4mm 5pins
570000406	1393-4	Trasformer 12x12x5mm
570000471	1925-A	SMT Tranformer 17x18x10mm
550052740	DU5274	Signal Transformer
570000469	Transformer	SMT Tranformer 18x6x6mm
570000466	Transformer	SMT Transformer 9x10x4mm 5pins
77002078	Transformer 3v,6v,9v,12v	Transformer 3v,6v,9v,12v 220vac

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## **FERRITE CORE**

Date Generated: 11/25/2011

## Ferrite Cores

Item Code	PART NUMBER	Description
*580010828	10x16	Blank Ferrites
*580010825	4x6	Blank Ferrites
*580010824	6x8	Blank Ferrites
*580010826	8x10	Blank Ferrites
*580010827	9X12	Blank Ferrites
580010519	EE25	Transformer Ferrite Core Small
580010517	EE35	Transformer Ferrite Core Big
580010518	EI28	Transformer Ferrite Core Medium
550128120	S106157A	Distributed Gap Toroid Core

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# **SEVEN SEGMENT LED DISPLAY**

Date Generated: 11/25/2011

## Seven Segment LED Display

Item Code	PART NUMBER	Description
77002967		alphanumeric display units NEW
77002968		alphanumeric NEW inc!
77002969		alphanumeric (inc!)
77007039		seven segment big
*570000806	1 inch.7 segment	7 segment display 1inch.CommonA
570000805	1.2 inch.	7 segment display 1.2 inch. CommonA
570000803	1.8 inch	7 segment
520000003	12 PINS	7 SEGMENT x 4 DIGIT DISPLAY (GRAY SHADE)
77011651	2.3	LED seven segment 2.3"
77011650	3	LED seven segment 3"
580010164	7209456D05	7 segment Common K/Orange
580010161	72T26	7 segment Common K/Green
580010162	72T27	7 segment Common K/Red
580010163	72T28	7 segment Common K/Orange
580010170	72T30	7 segment Common K/red
580010168	72T42	7 segment Common K/Orange
580010169	72T44	7 segment Common K/green
570000714	9810M	7 SEG. Common A, red 4 digit disp.
570000354	AL-G452A	7 SEG 4 DIGIT DISP. Common A green
580010511	BIG	LED Big new!
580000488	BS 3 inch.	7 segment Display 3 inch.CommonA
580010167	C27T25	7 segment Common K/Orange
570000436	C4620	7 SEG 4 DIGIT DISP. Common A green
570000724	C4625	7 SEG. Common A, GREEN
520000002	C5337	7 SEGMENT, COMMON A, green
580000148	C5337	7 SEGMENT, COMMON A, RED
520000004	C5623	7 SEGMENT X 4 DIGIT DISPLAY COMMON A (gr
530056230	C5623	7Seg. 4 DIG. Common A, green
570000715	C5623	7 SEG. 4 DIG.Common A, red
570000437	C5749	7 SEG 4 DIGIT DISP. Common Cathode red
580000151	C5836	7 SEGMENT, COMMON K, GREEN
570000723	C5837	7 SEG. Common A, GREEN
530024160	DL2416T	4 digit display with controller
520444130	DL-G424B413	7segment 4 digit display Common A green
580000490	FJS18102BH	7 segment Display 1.8 inch.CommonA
580000489	HSB-50012G	7 segment Display 5 inch.CommonA
580001204	HSN-50012S	7 SEGMENT Common A red
530000050	IPC+HI-FI NICAM	7segment X 5 digits, common anode
580001005	KD-1106AB	7 Segment 1 inch
580000440	KEM-15012BS	7 Segment Display 1.5inch CommonA
580000491	KEM23013BG	7 segment Display 2.3 inch.CommonA
534022110	LA4022-11	7segment X 2 digits, common anode,green
77005854	LA4022-11 11	seven segment
77005860	LB-402MA4	seven segment
530040240	LB-402MA4	7segment X 2 digits, common anode, green
77005855	LDG-202AD-812	seven segment
532028120	LDG-202AD-812	7segment X 2 digits, common anode,green
77005856	LDG-202ALD-62	seven segment
77005857	LDG-202ALD-79	seven segment
580000141	LS-303MKI	7 SEGMENT, COMMON K, GREEN
580000143	LTC 5857G	7 SEGMENT, COMMON A, GREEN
530038270	LTC-3827GMM	7 Segment X 4 digit Am/Fm
540046380	LTC4638G-NB	7seg. 4 digits Common A green w/o print
570000727	LTC561	7 SEG. Common A, red
560056350	LTC5635	3 digit display
530057690	LTC5769G	7seg. 4 digits,common cathode,green
580000149	LTC646G	7 SEGMENT, COMMON A, ORANGE

520066100	LTC6610GDK	7 seg. Dual RED Common A green
520066124	LTC6612PDK4	7 seg. LED DISPLAY (green)
580000140	LTD 232	7 SEGMENT, COMMON A, GREEN
580000133	LTD 323G	7 SEGMENT, COMMON A, RED
580000123	LTD 432HR	7 SEGMENT
580000144	LTD 4826-04	7 SEGMENT, COMMON A, GREEN
580000145	LTD 4826-04	7 SEGMENT, COMMON A, RED
580000132	LTD 482G	7 SEGMENT, COMMON A, RED
580000142	LTD 482P	7 SEGMENT, COMMON A, RED
580000135	LTD 6410G	7 SEGMENT, COMMON A, RED
580000136	LTD 6410G	7 SEGMENT, COMMON A, GREEN
570000729	LTD323	7 SEG. Common A, red dual
570000730	LTD323	7 SEG. Common A, green dual
*52000000	LTD432HR	7 SEG. DUAL RED COMMON CATHODE
570000336	LTD482	7 SEG DUAL GREEN Common A
570000440	LTD482	7 SEG DUAL RED Common A
77005861	LTD482GC	seven segment
530004821	LTD482GC	7segment X 2 digits, common anode, green
77005859	LTD482GC-01	seven segment
77005853	LTD482PC	seven segment
530004820	LTD482PC	7segment X 2 digit,common anode, red
77005858	LTD482PC-01	seven segment
530482010	LTD482PC-01	7segment X 2 digits, common anode, red
570000720	LTD5250R	7 SEG. Common A, green
580010573	LTD-57016KM-01	7 segment
570000726	LTD585-RD	7 SEG. Common A, GREEN DUAL
570000732	LTD6610E	7 SEG. Common A, red
580000124	LTD661DE	7 SEGMENT
570000721	LTD6910HR	7 SEG. Dual Red Common A
580000441	LTD9906G	7 Segment Common A/Green
530098020	LTG-9802Y	7 Seg. X 4 digit TIMER/VCR/AM
580000004	LTG9810Y	7seg.5 DIGIT DISP. Common Anode red
549814030	LTG9814G-03	7segment X 4 digits w/ print
540098330	LTG9833	7 seg. 4 digitCommon A, orange w/o print
570000734	LTG9833Y	7SEG.Common A,Orange 4digit disp.w/prnt
580000122	LTP3734G	7 Segment
570000722	LTP3784G	7 SEG. Common Cathode, GREEN
580000147	LTS 546 AR	7 SEGMENT, COMMON A, GREEN
580000137	LTS 5464	7 SEGMENT,
580000129	LTS 546A	7 SEGMENT, COMMON A RED
580000139	LTS 546R	7 SEGMENT, COMMON A, RED
580000128	LTS 5501A	7 SEGMENT, COMMON A RED
580000131	LTS 5501AE	7 SEGMENT, COMMON A RED
580000134	LTS 6660E	7 SEGMENT, COMMON A, RED
580000138	LTS 6760R	7 SEGMENT,
570000719	LTS3401LE	7 SEG. Common A, red DUAL
580000127	LTS4540AG	7 SEG. Common Cathode Green
580000130	LTS4640AE	7 SEGMENT, COMMON K RED
580000121	LTS540A	7 Segment, 3 digit Common A red
580010242	LTS540A	7 segment,3 digit Common A, Green
530005470	LTS-547AP	7segment, common cathode, red single
530046400	MAN4640A	7segment,common cathode,red
77010445	R04	Seven segment dual
580000150	S312A	7 SEGMENT Single, COMMON A, RED
520000011	SEG1	7 Segment, 2 digit display
530097180	T9718	7segment x 7 digits,common cathode,green
530010500	TDCG1050M	7 segment X 4 digits,common cathode(red)
77007048	tdcr1050	seven segment by 4
77007040	tdsg3150	7 segment anode TDSG3150
530031500	TDSG3150L	7segment, common anode,green single
530031502	TDSG3150M	7segment, common anode,green single
530031501	TDSG3150N	7segment, common anode,green single

*77006144	TDSG5150	7 segment anode TDSG5150
530051502	TDSG5150L	7 segment, common anode, green
77006282	TDSL 5150	common anode 7 segment
530051500	TDSL5150G	7 Segment, Common Anode (red)
530051601	TDSL5160G	7segment,common cathode, red single
77006286	TDSO 5160M	common cathode 7 segment
530011601	TDSO1160L	7segment,common cathode,red single
530051501	TDSO5150K	7segment,common anode (red) single
530051600	TDSO5160M	7 Segment,Common Cathode (red)
*530011600	TDSR1160F	7segment, common cathode, red single
530031600	TDSR3160G	7segment, common anode, green single
530051960	TDSY5196-K	7segment, common cathode, orange single

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## **LIGHT EMITTING DIODE**

Date Generated: 11/25/2011

## Light Emitting Diode

Item Code	PART NUMBER	Description
580021397	3mm superbright white led	3mm Superbright white ledr
580022502	LED Green	5mm LED Gren with Holder
*580010698	UV LED	5mm Ultra violet LED
580021012	QLMP-6569	d2mm LED GREEN
580010512	led	Daul LED Green and Amber
580010590	LEDD	Dual LED yellow 7.79mmx14.9mm square
77006165	3mm	Green LED ordinary
580010272	BR4361F	high Brightness Led 3mm
77005887	72R02PHIL T9 718	LED
77005888	TDSR1160 F	LED
530098430	LBL9843G	LED Backlight 22X63mm
*77010767	blue	LED blue superbright clear
580010506	LED	LED Bright White Round top
520020550	LED 2055	LED Green Rectangular type
580010591	LEDGS	LED Green 4.75mmx7.55mm Square
550000461	LED5	LED Green Flat 3mm
570000901	LED6	LED Green Flat Top 5mm
77008543	led	LED green JUMBO (flat)
77006768	LED green 5mm	LED Green Jumbo 5mm ordinary
570000902	LED10	LED GREEN SQUARE 2.5X7mm
520032330	UL-3233A	LED Green square type
570000903	LED11	LED GREEN W/ MOUNT (D2MM)
580000224	LED7	LED Green with holder
550000462	LED6	LED Orange Flat 3mm
77006782	LED red 5mm	LED ordinary red
580000242	12X5mm	LED Rectangular size
77008542	led	LED red JUMBO (flat)
580010593	LEDRS	LED Red 4.75mmx7.55mm Square
570000900	LED5	LED Red Flat Top 5mm
77010741	LED11	LED Red Jumbo 5mm ordinary
580020228	LED Red Square	LED Red Square
570000350	5mm	LED Super Bright Blue 5mm
570000352	5mm	LED Super Bright Red 5mm
570000351	5mm	LED Super Bright White 5mm
77000807		LED w/ handle
580010592	LEDYS	LED Yellow 4.75mmx7.55mm Square
550000464	LED4	LED Yellow Flat 3mm
77010739	LED yellow 5mm	LED Yellow Jumbo 5mm ordinary
77006139	3mm led red	Red LED 3mm ordinary
77006141	LK-504WC	super bright LED clear
580010251	led green	Superbright green 5mm
580010666	IR	Superbright LED (IR) 5mm
*77011245	led	superbright led red 5mm
580010252	F5AY3UC13-A	Superbright ORANGE 5mm
580010669	5mm	Superbright red
580021393	LED	superbright red 5mm red shade
770061391	3mm	Yellow LED ordinary

## SMD Light Emitting Diode

Item Code	PART NUMBER	Description
580021397	3mm superbright white led	3mm Superbright white ledr
580022502	LED Green	5mm LED Gren with Holder
*580010698	UV LED	5mm Ultra violet LED
580021012	QLMP-6569	d2mm LED GREEN

580010512	led	Dual LED Green and Amber
580010590	LEDD	Dual LED yellow 7.79mmx14.9mm square
77006165	3mm	Green LED ordinary
580010272	BR4361F	high Brightness Led 3mm
77005887	72R02PHIL T9 718	LED
77005888	TDSR1160 F	LED
530098430	LBL9843G	LED Backlight 22X63mm
*77010767	blue	LED blue superbright clear
580010506	LED	LED Bright White Round top
520020550	LED 2055	LED Green Rectangular type
580010591	LEDGS	LED Green 4.75mmx7.55mm Square
550000461	LED5	LED Green Flat 3mm
570000901	LED6	LED Green Flat Top 5mm
77008543	led	LED green JUMBO (flat)
77006768	LED green 5mm	LED Green Jumbo 5mm ordinary
570000902	LED10	LED GREEN SQUARE 2.5X7mm
520032330	UL-3233A	LED Green square type
570000903	LED11	LED GREEN W/ MOUNT (D2MM)
580000224	LED7	LED Green with holder
550000462	LED6	LED Orange Flat 3mm
77006782	LED red 5mm	LED ordinary red
580000242	12X5mm	LED Rectangular size
77008542	led	LED red JUMBO (flat)
580010593	LEDRS	LED Red 4.75mmx7.55mm Square
570000900	LED5	LED Red Flat Top 5mm
77010741	LED11	LED Red Jumbo 5mm ordinary
580020228	LED Red Square	LED Red Square
570000350	5mm	LED Super Bright Blue 5mm
570000352	5mm	LED Super Bright Red 5mm
570000351	5mm	LED Super Bright White 5mm
77000807		LED w/ handle
580010592	LEDYS	LED Yellow 4.75mmx7.55mm Square
550000464	LED4	LED Yellow Flat 3mm
77010739	LED yellow 5mm	LED Yellow Jumbo 5mm ordinary
77006139	3mm led red	Red LED 3mm ordinary
77006141	LK-504WC	super bright LED clear
580010251	led green	Superbright green 5mm
580010666	IR	Superbright LED (IR) 5mm
*77011245	led	superbright led red 5mm
580010252	F5AY3UC13-A	Superbright ORANGE 5mm
580010669	5mm	Superbright red
580021393	LED	superbright red 5mm red shade
770061391	3mm	Yellow LED ordinary

### Light Emitting Diode Multicolor

Item Code	PART NUMBER	Description
77006142		3 color led
77006769		Bicolor LED (big)
*77003575	680085-001	LED 3 colors (green,red,yellow)
*77006770	LED13	LED RGB 3mm
580010545	LEDRGB	LED RGB 4 pins 5mm Common Anode
530000012	T1	LED Tricolor
77010161	RGB	RGB led

### SMD Light Emitting Diode Multicolor

Item Code	PART NUMBER	Description
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580001095	Dual Led	DUAL LED Green and Amber (1206)
570000449	LED2	LED SMT bi-color red/green (1210)
580000003	LED28	LED SMT bicolor orange/blue (1210)
570000612	LED27	LED SMT bicolor red-orange (1210)
570000604	LED20	LED SMT red/green bicolor (1210)
77010860	led	SMT Bicolor led(red/green)
580011116	Led	SMT LED Bicolor Red/Orange 1206
580010728	Bi-color LED	SMT LED Blue/Amber

### Panel Mount Bezel LED Indicators

Item Code	PART NUMBER	Description
580000430	8.5mm	Indicator Lamp 100-110V Amber(org) 8.5mm
580000423	12mm	Indicator Lamp 100-110V Green 12mm
580000425	10mm	Indicator Lamp 100-110V Green deep 10mm
580000424	10mm	Indicator Lamp 100-110V Green embos 10mm
580000426	8.5mm	Indicator Lamp 100-110V Red 8.5mm
580000429	10mm	Indicator Lamp 100-110V Red deep 10mm
580000428	12mm	Indicator Lamp 100-110V Red deep 12mm
580000427	10mm	Indicator Lamp 100-110V Red embos 10mm
580000406	10mm	Indicator Lamp 200-220V Amber 10mm org.
580000408	10mm	Indicator Lamp 200-220V Amber 10mm white
580000407	11mm	Indicator Lamp 200-220V Amber 11mm clear
580000409	12mm	Indicator Lamp 200-220V Green 10mm
580000410	8.5mm	Indicator Lamp 200-220V Green 8.5mm
580000404	10mm	Indicator Lamp 200-220V Red 10mm
580000405	11mm	Indicator Lamp 200-220V Red 11mm
580000403	12mm	Indicator Lamp 200-220V Red 12mm
580000386	10mm	Indicator Lamp 24V Amber 10mm (white)
580000388	10mm	Indicator Lamp 24V Amber 10mm (white)
580000385	11mm	Indicator Lamp 24V Amber 11mm (white)
580000387	12mm	Indicator Lamp 24V Amber 12mm (white)
580000384	8.5mm	Indicator Lamp 24V Amber 8.5mm (white)
580000401	10mm	Indicator Lamp 24V Amber 10mm (orange)
580000397	10mm	Indicator Lamp 24V Amber 10mm (yellow)
580000402	12mm	Indicator Lamp 24V Amber 12mm (orange)
580000400	8.5mm	Indicator Lamp 24V Amber 8.5mm (orange)
580000390	10mm	Indicator Lamp 24V Blue 10mm (clear)
580000389	1mm	Indicator Lamp 24V Blue 11mm (clear)
580000372	10mm	Indicator Lamp 24V Green 10mm
580000373	11mm	Indicator Lamp 24V Green 11mm
580000370	12mm	Indicator Lamp 24V Green 12mm
580000371	8.5mm	Indicator Lamp 24V Green 8.5mm
580000395	10mm	Indicator Lamp 24V Red 10mm
580000393	11mm	Indicator Lamp 24V Red 11mm
580000394	12mm	Indicator Lamp 24V Red 12mm
580000391	12mm	Indicator Lamp 24V Red 12mm (Clear)
580000398	12mm	Indicator Lamp 24V Red 12mm (clear)
580000392	8.5mm	Indicator Lamp 24V Red 8.5mm
580000399	12mm	Indicator Lamp 24V Red/Green12mm (clear)
580000415	8.5mm	Indicator Lamp 6V (Clear) Amber 8.5mm
580000413	10mm	Indicator Lamp 6V (Grn) Amber 10mm
580000412	11mm	Indicator Lamp 6V (Grn) Amber 11mm
580000411	9mm	Indicator Lamp 6V (Grn) Amber 9mm
580000417	9.5mm	Indicator Lamp 6V (Grn) Deep Amber 9.5mm
580000414	9.5mm	Indicator Lamp 6V (Grn)Amber embos 9.5mm
580000416	8.5mm	Indicator Lamp 6V (White) Amber 8.5mm
580000418	10mm	Indicator Lamp 6V Red 10mm
580000419	12mm	Indicator Lamp 6V Red 12mm
580000420	8.5mm	Indicator Lamp 6V Red 8.5mm

580000422	11mm	Indicator Lamp 6V Red deep11mm
580000421	11mm	Indicator Lamp 6V Red embos11mm
580000396	11mm	Indicator Lamp24V Amber 11mmembos(clear)
580000434	8.5mm	IndicatorLamp 100-110VAmber(clear) 8.5mm
580000432	12mm	IndicatorLamp 100-110VAmber(Orang) 12mm
580000431	10mm	IndicatorLamp 100-110VAmber(white) 10mm
580000433	11mm	IndicatorLamp 100-110VAmber(white) 11mm

### LED Modules including Back Light LED

Item Code	PART NUMBER	Description
580001015	LBL-9806	LED Backlight 28.2x14mm
580001018	LBL-9676	LED Backlight 24.4x89mm
530092080	LBL9208	LED Backlight 29X93.3mm
*530099240	LBL9924G	LED Backlight 41.5X76.7mm Green
580001016	LBL-9021	LED Backlight 48x130mm
580001017	LBL-9945	LED Backlight 53x150.5mm
580000208	LBL9845	LED Backlight 72X118mm
530000270	027	LED Backlight Green
530000281	028	LED Backlight Green
530000290	029	LED Backlight Green
530000340	034	LED Backlight Green
530000370	037	LED Backlight Green
530000420	042	LED Backlight Green
530000431	043PHIL G	LED Backlight Green
580000209	LBL9816G	LED Backlight Pane Green 29.4x89mm
580000212	LBL9806	LED Backlight Pane Green 28.2X14mm
580000211	LBL9957	LED Backlight Pane Green 38x147mm
580000210	LBL9866	LED Backlight Pane Green 49.6x132.8mm
580000213	LBL9933	LED Backlight Pane Green 4x82mm
570000429	12V	LED Block Green 12V outdoor
570000334	12V	LED Block Red 12V outdoor
570000431	12V	LED Block White 12V outdoor
570000430	12V	LED Block Yellow 12V outdoor
77010371	led strip 5000451	led strip green
580001006	LED14	LED Strip Green
580010603	LED STR	LED Strip Green long
570000815	3.7mm 8x8	Outdoor 2 color

### Power LEDs

Item Code	PART NUMBER	Description
580010784	100W	100W 30-35V 3.8A White LED
*580010780	10W	10W 10-11V 1A White LED
580010777	1W	1W 3.2-3.6V 300mA LED White
580010781	20W	20W 12-14V 1.4A White LED
580010782	30W	30W 24V 1.3A White LED
580010778	3W	3W 3.7-4V 750mA White LED
580010783	50W	50W 23-25V 2.1A White LED
580010779	5w	5W 6-7V 700mA White LED

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# **LED MATRIX**

Date Generated: 11/25/2011

**LED Matrix**

<b>Item Code</b>	<b>PART NUMBER</b>	<b>Description</b>
77010174	8x8 5mm	8X8 5MM led array (new)
570000807	1.9mm 5x7	Dot matrix
570000808	1.9mm 8X8	Dot matrix
*570000809	3.7mm 8x8	Dot matrix
570000810	3mm 8x8	Dot matrix
*570000811	3mm 5x7	Dot matrix
*580010559	HS-2057BS	Dot Matrix 5x7 5mm
570000800	5	Dot Matrix Display 8X8 5mm
570000812	5mm 8x8	Outdoor
570000814	3.7mm 8x8	Outdoor
570000813	5mm 8x8	Outdoor 2 color

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# **INFRARED AND IRDA DEVICES**

Date Generated: 11/25/2011

## Infrared Devices

Item Code	PART NUMBER	Description
*77006133	1838 3v	infrared receiver
*570000367	GP1U52X	IR Receiver (SHARP)
580000073	GP1U52Y	IR Detector 3 pin can
550000382	HS0038	38KHz IR Receiver 3 pins
540000380	HS0038A2	IR Receiver 38kHz 3pin
77006132	hs38b ir	infrared receiver
580010568	HS38B7	38KHz IR Receiver
580010564	HS38B8	38KHz IR Receiver
77006771	LED12	LED IR 5mm
580022000	PH320	IR PIN Receiver Diode 2pin
540018380	TK1838	38kHz Infrared Receiver
540018400	TK1840	40kHz IR Receiver
77006130	tk1840 ir	infrared receiver
550017361	TSOP1736	36 KHz IR Receiver 3 pins
580010566	TSOP2238	38KHz 5V IR Receiver
580010567	TSOP3483	36KHz 3-5V IR Receiver
580010565	TSOP38236	36 KHz 3-5V IR Receiver
580022429	TSOP38436	IR Receiver 3pins
580010570	TSOP8236	36 KHz IR Receiver
580010569	TSOP8238	38KHz IR Receiver
77006135	v2236	infrared receiver
77006134	v2238	infrared receiver

## IRDA Devices

Item Code	PART NUMBER	Description
540042030	4203?	IRDA small
540044000	4400?	IRDA 8pin
540064010	6401	IRDA 8pin
540045000	TFDS4500	155.2 KBPS IRDA Transceiver 8 pin
540060000	TFDS6000	4MBPS IRDA Transceiver Module
540065020	TFDS6502	4MBPS IRDA Transceiver Module
540065010	TFDT6501	4MBPS IRDA Transceiver Module
570000504	TFDU4100	IRDA 115.2 KBPS
550042010	TFDU4201	115.2 KBPS IRDA Low Profile SMD
550042020	TFDU4202	115kbps IRDA Xceiver SMD
540000740	TFDU5102	IRDA 1MBPS 2.6-5.5V
550051030	TFDU5103	1.125MBPS IRDA xceiver SMD
570000502	TFDU5107	IRDA 1.152MBPS
570000503	TFDU6101E	IRDA 4MBPS 2.6-5.5V
550006105	TFDU6102	4MBPS IRDA xceiver SMD
540000741	TFDU6102F	IRDA 4MBPS 2.7-5.25V
*540012400	TSOP1240	IR
540013560	TSOP1356	IR Receiver 56KHz. 3pin

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# **LASER EMITTER**

Date Generated: 11/25/2011

**Laser emitter**

<b>Item Code</b>	<b>PART NUMBER</b>	<b>Description</b>
*570000416	LC	Laser Cross Generator
*570000413	LC	Laser Cross Generator Adjustable Lens
570000422	LL	Laser Line Generator
570000408	LP	Laser Point

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# **LCD, VFD, and LED DISPLAY MODULES**

Date Generated: 11/25/2011

## LCD, VFD and LED Display Modules

Item Code	PART NUMBER	Description
520002160	LCD2X16	2 lines x 16 char LCD Alphanumeric Disp
*580021418	MCC162D8-1	2X16 used LCD
*77011762	SC204A 4x20 lcd	4X20 LCD W/backlight
580011345	HCMS-2913	8 - 7x5 LED Dot matrix LED module 14pins
77009097	2x16	LCD 2 by 16 (new)
77002899	UTD4141	LCD module <?>
77004310	LM32019T	lcd NEW
570000417	16X2	LCD w/ backlight
580010384	4x20	LCD w/ Backlight 4X20
77010160	2x16 LCD	lcd w/backlight 2x16 (new)
77006219	FN610-30/03	noise filter
77011927	4x20	Serial LCD SKD204-634 V2.2
580010683	CU16025CPB	VFD Alphanumeric Module 2linesx16char

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# **OPTOCOUPLER**

Date Generated: 11/25/2011

## Optocoupler

Item Code	PART NUMBER	Description
550004250	4N25	6V; 60mA opto coupled iso photox-torDIP6
*550004330	4N33	Photodarlington Output DIP6
550004350	4N35	Transistor Output Optocoupler DIP 8
580011248	6N137	Hi speed 10MBd Optocoupler 8pins
550061390	6N139	IRED&PHOTO CurrentLoopDrivrOptocoupDIP 8
550000170	CNY17-1	Phototransistor Optocoupler dip6
550011021	ET1102	Opto isolator
77006140	et1104	opto coupler et1104
580011255	H11AA814C	Optocoupler Xsistor out 4pins
580011258	H11AA817C	Xsistor out Opto 200-400CTR 18uS DIP-4
550001120	H11AV2	OPTICALLY COUP ISOL PHOTOTRANSoutputDIP6
55110000	H11AX	Optocoupler Xsistor Out DIP6
550741110	H11L1	Optoisolators Logic Output DIP6
550001360	HCNW136	Single Channel, HiSpeed OptocouplersDIP8
580011254	HCNW4503	Hi speed 1MBPS Xsistor Output dip8
550045620	HCNW4562	H BW Analog/Video Optocoupler -DIP8
550000600	HCPL-060L	High speed 3.3V Optocoupler SOIC8
580011251	HCPL-2631	Dual 10Mbps HS Logic Optocoupler 8pins
580011240	HCPL-3120	2A out IGBT Drive Optocoupler 8pins
550045061	HCPL4506	A4506 Gate Drive Opto DIP 8
550045060	HCPL-4506	Intelligent Gate Drive Opto DIP8
580011259	HCPL-817V	Xsistor output 200-400CTR DIP-4
*550003000	IL300	LINEAR OPTOCOUPLER DIP8
550000011	ILD1	Dual Opto Isolator Trans Output DIP 8
550002010	IS201	6V 60mA opt.coup isolator photox-torDIP6
550000050	ISD5	Dual photo xsistor Optcoup DIP8
550008170	ISP817	Xsistor Output Optocoupler SOIC 4
580011346	K1010A	Hirel Xsistor Out Optocpl 4pins
580020101	KP2010	Transistor Out equiv to 4N35 DIP6
580010848	MOC3041	Triac out zero crossing DIP6
*550002231	M OCD223	DualChanelPhotodrlingtnOutptOpto DIP 8
580010232	PC-123	Optocoupler tarnsistor output DIP4
550008171	PC817	Photocoupler Xsistor Out DIP4
550025020	PS2502	H-IsolationVltgeDarlX-tortypePhotcDIP16
550061560	SFH6156	High Reliability xsistor out OptocoupSO4
580010609	SFH617A-2	Opcoupler Hi Rel xsistor out DIP4
550016000	SLC1600	Dual linear optocoupler-soic16
550008000	SLC800	Linear Optocoupler servo feedback DIP8
550011020	TCET1104	Transistor Output Optocoupler DIP-4
550030830	TD3083	TRIAC Output SSR DIP6
550001570	TIL157A	Darlington out Optocoupler dip 6
550001930	TIL193	Quad transistor out Optocoupler DIP16
580011253	VO2631	Dual Hi speed 10MBPS Opto Logic Out8pins

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## **SOLID STATE RELAY**

Date Generated: 11/25/2011

## Solid State Relay

Item Code	PART NUMBER	Description
550041110	AD4C111	400V 120mA 35ohms bidir DPST SSR DIP8
550041130	AD4C113	400V 120mA 35ohms bidir 1 NO 1 NC DIP8
550042110	AD4C211	400V 120mA 20ohms bidir DPST SSR DIP8
550042120	AD4C212	400V 120mA 25ohms bidir DPST SSR DIP8
550042121	AD4C212	400V 120mA 25ohms bidir DPST SSR DIP8
550042500	AD4C250	250V 25mA Hi-speed bidir DPST SSR DIP8
550043110	AD4C311	400V 200mA 10ohms bidir DPST SSR DIP8
550043111	AD4C311	400V 200mA 10ohms bidir DPST SSR DIP8
550043320	AD4C332	250V 200mA 10ohms bidir DPST SSR DIP8
550001150	AD4C541	50V 700mA 1ohm bidir DPST SSR DIP8
550061010	AD6C101	600V 120mA35ohms SPST bidir SSR DIP6
550061112	AD6C111	350V 100mA 50ohms SPST bidir SSR DIP6
550061110	AD6C111L	350V 100mA 50ohms SPST bidir I limitDIP6
550061120	AD6C112	400V 120mA 35ohms SPST bidir SSR NC DIP6
550062111	AD6C211	400V 150mA 20ohms SPST bidir SSR DIP6
550062210	AD6C211	400V 150mA 20ohms SPST bidir SSR DIP6
550062110	AD6C211L	400V 150mA 20ohms SPST bidir I LimitDIP6
550062230	AD6C223	400V 150mA 25ohms bidir NO NC pair DIP6
550063110	AD6C311	400V 200mA 10ohms SPST bidir SSR DIP6
550065410	AD6C541	60V 700mA 1ohm SPST bidir SSR DIP6
550066410	AD6C641 ?	DIP6
550083110	AD8C311	400V 200mA 10 ohms SPST bidir SSR DIP8
550001101	LAA110P	350V 120mA 35 ohms dual SSR SOIC8
550001270	LBB127	250V 200mA 10 ohms dual SSR DIP8
550001121	LCA110	350V 120mA 35 ohms SSR DIP6
550001201	LCA120	250V 170mA 20ohms SSR DIP6
550001251	LCA125C	300V 170mA 20ohms SSR DIP4
550007100	LCA710	60V 1A 0.5ohms SSR DIP6
550001070	S107	SSR 600V 800mA zero crossing DIP8
*550001100	S110	400V 0.8A Bidirec zero crossing DIP8
550001110	S111	600V 0.8A Bidirec SSR 0 crossing DIP8
580001199	SP540	60V 1A 2 Ohms DC Solid State Relay
580001202	SP540-X	60V 1A 2 Ohms DC Solid State Relay
580000005	SP541-X	60V 2.5A 1 ohm Bidirectional SIP-4
580001201	SP541-X	60V 2.5A 1 Ohm DC Solid State Relay
580001198	SP646	400V, 1.2A zero cross Solid State Relay
580001203	SP746	600V, 1.2A zero cross Solid State Relay
580001200	SP846	700V, 1.2A zero cross Solid State Relay
550007000	STS700	SSR+ darlington + bridge diodesoic16

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# **PROTECTION COMPONENTS**

Date Generated: 11/25/2011

## Fuse

Item Code	PART NUMBER	Description
580010113	0.7A	700mA Fuse
580010158	1 Amp.	1A Fuse
580011046	10A-125V 20mm	Fuse 10A-125V 20mm
580011049	10A-125V 20mm	Fuse 10A-125V 20mm
580010104	125V/5A	5A Fuse
580011408	1A	TE5 series PC solderable Fuse 1A
580010352	1A/250V	Fuse 1A/250V
580011047	2.5A-125V 20mm	Fuse 2.5A-125V 20mm
77001635	250V 2A	Common Fuse 2A-250V 20mm
580010106	250V/0.3A/30mm	300mA Fuse 30mm
580010099	250V/15A/38.1mm	15A Fuse 38mm
580010097	250V/1A/30mm	1A 30mm Fuse
580010100	250V/1A/38.1mm	1A Fuse 38mm
580010098	250V/2A	2A Fuse
580010101	250V/2A/38.1mm	2A Fuse 38mm
580010105	250V/30A/38.1mm	30A Fuse 38mm
580010103	250V/3A	3A Fuse
580010102	250V/5A/38.1mm	5A Fuse 38mm
580010046	250V/8A	8A Fuse
580001098	2A	2A Fuse
580001097	2A/250VAC	2A Microfuse
580001090	30A	PicoFuse 30A
580001421	3A/200V	3A Fuse 30mm
*580001067	500mA	Fuse 500mA antisurge
560007500	750mA	SMD Fuse 750mA 1206
587500000	750mA	750mA Fuse
580001682	LM50	Fuse 5.0A

## SMD Fuse

Item Code	PART NUMBER	Description
560001000	1.00A	1.00A Fuse SMT 1206
581000100	1.00A	1.00A (SMD 1206) Quick Acting
58150000	1.50A	1.5A Fuse (SMD 1206)
560001500	1.50A	1.50A Fuse SMT 1206
580001670	1.5A	SMT Chip Fuse 1.5A 1206
580001679	2.5A	SMT Chip Fuse 2.5A 1206
580010188	3A	SMT Fuse 3A 25% (1206)
570000065	FUSE 125V 4A	4A SMT FUSE
580010563	Fuse 3A	SMT Fuse 3A

## PC Solderable Fuse

Item Code	PART NUMBER	Description
570000478	0.63V 250V	Pico Fuse 0.63V 250V
570000481	100mAH	Pico Fuse 100mAh
580010112	125V/2A	2A Pico Fuse
580010111	125V/5A	5A Pico Fuse
570000479	12A 250V	Pico Fuse 12A 250V
570000480	1A 250V	Pico Fuse 1A 250V
570000475	2A 250V	Pico Fuse 2A 250V
580011419	2A 250V	Micro Fuse TR5 2A 250V
570000477	3.15A 250V	Pico 3.15A 250V

51000072	4A	Fuse PC Solderable Axial 4A
570000476	4A 250V	Pico Fuse 4A 250V
570000482	500mAH	Pico Fuse 500mAH
580001414	FUSE 0.7A	0.7A Fuse Axial Type
580020380	Pico Fuse 20A	Pico Fuse 20A

### Varistor

Item Code	PART NUMBER	Description
580001416	000	Surge Supressor
580010077	121KD07	Varistor
580010143	121KD07	Varistor
540142410	14D241K	14mm disk 240VDC 150VAC 6000A Varistor
580001072	150L20	150VAC 20mm 80J Varistor
580001226	250L20	250VAC 20mm 72J Varistor
580020229	320L20	d14mm 320Vac Varistor
580020353	320L20	320Vrms 4500A Varistor
580001225	GNR20D201K	Varistor
580009998	L75L20	Varistor
580001099	S10K14	Varistor (ul)
580001073	S14K150	Varistor
580001366	S20K130	130VAC d20mm Varistor
550000493	V14K275-5K3	275VAC d14mm Varistor
580011564	V20201U	140VAC d20mm Varistor
580011016	V301RA105	300VAC d20mm Varistor
580001222	Z30165UL	300VAC d14mm Varistor

### PTC/Self Resetting Fuse

Item Code	PART NUMBER	Description
580011184	1812L260MR	PTC Resettable Fuse 2.6A
580010273	FSMD250-2920	2.5A 16V PTC Resettable Fuse SMD
580000096	ICP-S1.2	50V 1.2A resettable Fuse SMD
580010274	MF-MSMC075-2	SMD Resettable PTC Fuse 0.75A
580011702	PSR-25124	Resettable Fuse SMT
550005000	RXE050	0.5A 72V Resetable Fuse
540001101	RXE110	Resetable Fuse 1.1A 72V
580000062	RXE160	Resetable Fuse 1.6A 72V
546001502	TR600-150-2	Resetable Fuse 600Vrms 60VDC 3A
580001415	X600	Resetable Fuse

### TVS

Item Code	PART NUMBER	Description
580001420	0	Arrester Diode
580000061	LC01-6	TVS, 2x 6V 1500W low capacitance so16
580000060	LCDA15C-6	TVs Array(6), 15V 500W soic8
580010334	PESD12V52UT	ESD protect Diode Dual SOT-23
580010335	PESD3V3L5UV	3.3V TVS x 5 SOT-666
580010385	PESD5V0U1BB	ESD Protection 5V SOD523
540010820	TISP1082L	Dual 58V Transient Suppressor
540021800	TISP2180L	Dual 145V Transient Suppressor 3pin
550022900	TISP2290L	Dual 200V Transient Suppressor 3PIN

### Line Filter

<b>Item Code</b>	<b>PART NUMBER</b>	<b>Description</b>
77010247	10JX5441A	Noise filter (7&10a)
*77010258	20JX5206X	Noise filter (20amp.)
77010259	3JX5421C	Noise filter (3a)
77010256	6JX5431C	Noise filter (6a)
*77010260	JN17-5740C	Noise filter (3a 1.5a)
77010261	JN17-5765A	Noise filter (3a 1.5a)

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## **RECHARGEABLE BATTERY**

Date Generated: 11/25/2011

## Rechargeable Battery

Item Code	PART NUMBER	Description
*77011258	2.4v	2.4v 15mAH NiMh battery (NEW)
*77011883	3.6v	3.6v 600mAH battery
580022511	SLB1674	7.4V Rechargeable Battery Lithium Ion
77010885	4.8V 1800mAH	Battery (Big) 4.8V 1800mAH green
77010893	3.6V 600mAH	Battery (Small) 3.6V 600mAH green
580010650	GP40AAK3BMX	Battery GP Ni-Cd 3.6V 400mAh white small
77011884	60AAAH3BML	Battery GP NiMH 3.6V 600mAh
580010647	GP4M3EMJV2Z	Battery GP Ni-MH3.6V 400mAh white thin
580000484	2.4V 051 Ni-MH	Battery green 2.4V green dark green
580010651	3.6V 400mAh	Battery NiMH 3.6V 400mAh green
*77008752	BP-T23	Battery pack (3.6vdc 600mah)
580010538	9V 200mAH	Battery Rechargeable 9V
77010888	6V/1800mAh	Battery-NI-MH Battery 6V/1800mAh green
580010679	SBC-L6	Charger lithium Ion Battery

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# **CONNECTORS, WIRES AND CABLES**

Date Generated: 11/25/2011

## Audio/Video

Item Code	PART NUMBER	Description
580020367	Audio Jack Female	Audio Jack Female
580011073	3.5mm	Earphone jack 3.5mm
580010738	Mono Jack	Mono Jack
580020104	Phone Plug Mono	Phone Plug mono
580010267	RCA Jack	RCA 8.2mm OD 18mm x 3mm

## Circular

Item Code	PART NUMBER	Description
580010942	8 pins	Circular 8 pins
580010988	4pins	Connector Circular DIN female

## Data Connectors

Item Code	PART NUMBER	Description
77008340	9pins	DB9 Angle Type Female
580010668	DB-9	DB9 Angle Type Male
580009970	DB-15	D-sub15 Female
77010999	RJ12	RJ12 modular jack
77010146	RJ25	RJ25
580010874	RJ45	RJ45 White
*580010667	USB	USB Angle Type B
580010400	USB	USB Connector Female typeA
580011013	USB Female	USB female type A pair
580010841	USB type A	USB type A female
580021416	USB Type B	USB Type B Straight PC Mount
580010656	RJ45	w/ built in T-former & LED 10/100B/T

## Header Connectors

Item Code	PART NUMBER	Description
580010664	1x40	1 x 40 Header Connector tinned
580000102	CON2	4 PIN MALE ANGLED
580010495	6pins	6 pins Female Header
580010177	7 pins	7 pins Male Wafer Connector
580010500	8 pins	8 pins Female Header
580001339	4pins	Connector male wafer
580011514	5 pins	Header conn. 5 pins
580000085	2X12	Male Header 2 x12
*580011515	8 pins	Male Header Conn.
580022434	2x5 Mal header	Male Header Connector

## Terminal Lugs

Item Code	PART NUMBER	Description
580000171	Core Termminal	Core Termminal Silver 5.5mm
580000170	Crimp Termminal	Crimp Termminal Blue RBV2-5
580000175	Crimp termminal	Crimp termminal Blue TMEV 2-3.5
580000173	Crimp termminal	Crimp termminal Red TMEV 1.25-3

580000172	Crimp Terminal	Crimp Terminal RED TMEV 1.25-3.5
580000174	Crimp Terminal	Crimp Terminal Silver R 2-3.5
580000169	Crimp Terminal	Crimp Terminal Silver R5.5-4
580000176	Crimp Terminal	Crimp terminal Yellow TMEV 5.5-5

### Power Connectors

Item Code	PART NUMBER	Description
580010872	BS 9V	9V Battery Snap
580001135	AC Jack	AC Jack W/ fuse holder & light indicator
580010479	AC JACK	AC Jack with switch ordinary
580020366	AC Socket with wire	AC Socket with wire
77010143	Batt. Clip	Batt. Clip 9V
580001473	DC1	DC Jack Oval 5.5mmx2.4mm
520000013	DC2	DC Jack Round 5.5mmx2.4mm
520000300	DC3	DC jack small
580001474	DC4	DC Jack square 5.5mmx2.4mm
580000446	1	Single AC Outlet
580010516	3mm	Y open terminal 3mm

### RF Connectors

Item Code	PART NUMBER	Description
*580010830	SMA-2	SMA Connector
*580010829	SMA-1	SMA-1 connector
*580010831	SMB-1	SMB Connector
*580010832	SMB-2	SMB Connector

### Terminals

Item Code	PART NUMBER	Description
77012317	HB611-2	2 way pc soldered con. (300v 30a)
580010746	625-7	2 way Push Release 12A 300V1.5
580010751	4 hole 4 pins Green	4 way Terminal Block 400V 2A 0.75A
580010753	645-3A	6way 400V/2A Blue,Orange, red
580011026	645-1308	6way w/ gray/orange blanks
77005691	9 pin con.	9 way pc soldered push release con.
580021374	625-2	Terminal Block 2 way Push Release
580010931	4291-3	Terminal Block 3 way Push Release
580021373	625-3	Terminal Block 3 way Push Release
580010934	625-4	Terminal Block 4 way Push Release
580010895	625-4	Terminal Block 4way Push Release
580020102	4291-4	Terminal Block 4way Push Release 400V 2A
580010893	625-5	Terminal Block 5 way Push Release
580010933	4291-6	Terminal Block 6 pins, 6 way
580010892	4291-6	Terminal block 6 way Push Release
580010894	625-6	Terminal Block 6 way Push Release
580010932	625-6	Terminal Block 6 way Push Release
580010676	Buchanan7	Terminal Plug 7 pins Piercing Pair

### Wafer

Item Code	PART NUMBER	Description
580022504	2pins wafer	2pins wafer male

580022510 8pins  
77010927 7pins  
550000040 4  
580020988 2 pins

8 pins wafer for keyed conn.  
Connector 7pins wafer conn.  
Connector male wafer\*  
Female wafer conn. White

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# **MISCELLANEOUS COMPONENTS**

Date Generated: 11/25/2011

## Miscellaneous Components

Item Code	PART NUMBER	Description
*77010919	Aluminum Angle Bar	Aluminum Angle Bar 1/2x1/2x48"
*77010918	Aluminum DIN Rail	Aluminum DIN Rail
*77010916	Aluminum Flat Bar	Aluminum Flat Bar 1/16x1/2x48"1/16"thick
77010917	Aluminum Flat Bar	Aluminum Flat Bar 1/8x1/2x48"1/16"thick
77010915	Solid Square Bar	Aluminum Solid Square Bar 1/4x1/4x48"
77010914	U Channel	Aluminum U Channel 1/4x1/4x48 inch.1/16"
580010837	Coinslot 623	Coinslot HS-623
580010540	EC	Electric Lock (LUO/HEN)
580001370	FOOTINGS	Footings
580010165	Footing	Footings round
580000494	5x20	Fuse Holder/Fuse Clip
570000359	H1	Holder for Laser
570000415	H2	Holder for Laser
77008629	EM-80PX7 mic	MIC Condenser
580010814	A93R90-00E25	Printer
580010180	03	Pulley
77011673	RF Card	RFID Card
77012607	Solenoid 6v	Solenoid 6v
*580010549	Sprocket	Sprocket
580010813	AT3R90-31E825	Thermal Dot Matrix Printer
580010815	T3BR10-00P82H	Thermal Dot Matrix printer
*580010840	WH-A73R90-31E825	Thermal Printer

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# **HEATSINKS**

Date Generated: 11/25/2011

## Heatsinks

Item Code	PART NUMBER	Description
580011710	EHS-01	Alum Heatsink 69x40.5x15mm
580011711	EHS-02	Alum Heatsink 80x40.5x15mm
580011712	EHS-03	Alum Heatsink 111x42x22mm
580011713	EHS-04	Alum Heatsink 94x42x15mm
580011714	EHS-05	Alum Heatsink 90x44x30mm
580011715	EHS-06	Alum Heatsink 60x48x28mm
*580010305	EHS-21	Black Aluminum Heatsink
580010306	EHS-22	Aluminum heatsink 70x15x35
580010307	EHS-23	Fin type Aluminum Heatsink
580010510	EHS-24	Fin Type Heatsink for T0-220
580010863	EHS-25	Clip Heatsink PC Solderable Black
580010890	EHS-26	Mini Heatsink t0-220
580001746	Heatsink	Heatsink Black 21x19mm

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## **POWER SUPPLY**

Date Generated: 11/25/2011

## Power Supply

Item Code	PART NUMBER	Description
*77011768	24V/10A	Power Supply
77011766	24V/2A P.S	Power Supply
77011767	24V/3A	Power Supply
580000088	ADTR3	Adaptor Swtchnng Adptr5VDC,1.3mmUnivrsl
580000040	DV-751AUP	PowerSup AC-DC Adapter 7.5V,1A,230V50Hz
77012813	HF100W-S-24	Power supply 24V 5A HF100W-S-24
77012815	HF150W-S-24	Power supply 24V 6.3A HF150W-S-24
77012814	HF200W-S-24	Power supply 24V 10A HF200W-S-24
77012816	HF20W-S-12	Power supply 12V 2A HF20W-S-12
77012817	HF30W-SM-12	Power supply 12V 3A HF30W-SM-12
77012818	HF55W-S-12	Power supply 12V 4.6A HF55W-S-12
77012811	HF55W-S-24	Power supply 24V 2.3A HF55W-S-24
77012819	HF70W-S-12	Power supply 12V 6A HF70W-S-12
*77012812	HF70W-S-24	Power supply 24V 3A HF70W-S-24
580000089	SA070810	Adaptr 9V/1.1A/220V w/o accessories
580001007	SH20-05-600	Power Supply +12V 600mA 100-240V
580001008	SH20-05-600	Power Supply +5V 600mA 100-240V
580000058	TESA9B	AdaptrSwtchnng 9VDC 1A 2.1MM w/accessorie

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## **AC/DC ADAPTERS**

Date Generated: 11/25/2011

## AC/DC Adapters

Item Code	PART NUMBER	Description
*77010990	12	12 pins male wafer connector
*77011234	5v	Switching reg.adaptor 5v 2A 220v(NEW)
*77011233	9v	Switching reg.adaptor 9v 1A 220v (NEW)
77003194	AH5	universal AC/DC adaptor 120VAC
77007151	gad-she-240a8	power supply NEW 24v 0.75a 240v
580010492	KX00700500DC	AC-DC adaptor 7V 500mA new!
*580010493	MY-168	AC-DC Adaptor 3-12V 1200mA
580010494	MY-689	AC-DC Adaptor 12V 200mA
*77010901	SA070810	Switching reg.adaptor 9v 220v (NEW)

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# **RELAY**

Date Generated: 11/25/2011

## Relay

Item Code	PART NUMBER	Description
580001653	0490-1804	Reed Relay SPST
*580010898	12V/250A	Nais 12V 250V SPST
570000314	24	AXICOM Relay 24V DPDT
580000443	24V/8A	O/N/E 24V 8A DPDT Relay
580000444	24V/8A	SCHRACK 24V/8A DPDT Relay
580010156	833H-1C-C	Relay SPDT 48V coil, 12A/125V, 7A/250V
580010899	881-2CH-F-C	Songchuan 24V 8A DPDT
580010589	ACJ2112P	NAIS 12V SPST
580010588	ACP131	NAIS 12V SPDT
580011706	AGN2004H	RELAY TELECOM DPDT 1A 4.5VDC DPDT
580010730	AGQ200S4H	Relay SMT 5V 1A DPDT
530697240	AZ697ICT24DE	ZETLER 24V/10A 240VAC SPDT5pin
537551240	AZ755IC24DE	ZETLER 24V/16A 240VAC SPDT8pin
580001328	COTO-0140	Reed relay
580001652	COTO-9717	Reed Relay SPST
530002240	EA2-24NU	NEC 24V /small DPDT
580011011	EA2-4.5MJ	Relay 4.5v 1A DPDT DIP10
580010320	EB2-12NU	RELAY EB2-12NU 12V 1A
580010321	EB2-5N56	RELAY EB2-5N56 5V 1A SMT 10pins
580010557	EX2-2U1	NEC/TOKIN SPDT Dual Relay
530035010	G35D-Z01P-PC	OMRON 24V/1A
580022503	G5PA-1-8	5V coil 5A SPST UL/CSA
580010541	G5S-14	Omron 12V/5A relay
540000511	G5S-1-CB	OMRON 12V/5a SPDT
*530062340	G6A-234P-BS	OMRON 5VDC/1A DPDT
77011628	G6B-1114P	Relay 24V 5A Omron SPST
530611140	G6B-1114P	OMRON 24V/5A
510000701	G6H-2	OMRON 12V/3A DPDT
530000620	G6H-2	OMRON 5VDC/1A DPDT, 2FormC,1000 VAC
77008486	G6H-2-100	Omron 12V/1A Relay DIP10
580010556	G8N-1S	Omron 12V SPDT
580010554	G8NW-27SR	Omron 12V SPDT Dual Relay
580010555	G8NW-2S	Omron 12V SPDT Dual Relay
580010908	JQL-12V	Nais 12V SPDT 250VAC 2A/30VAC 5A
580010558	KI-S-212C	KLK 12V DPDT Relay
580011162	OMIT-SS-112LM	Relay 12V 10A (SPST)
570000368	OSA-SH-212DM3	OEG DPST 12V/5A
580001685	OSA-SH-224DM3	OEG 24V/5A DPST
580010735	P6GN012WA	Relay 12V/25A DPDT
530000091	RA9W-K	Relay DPDT/9V
530005240	RKS-5DW-24	POTTER & BRUMFIELD 24V/16A SPDT 8pins
580010507	TX2-5V	NAIS 5V DPDT
*580021786	V23026-A	Relay 5V 1A SPDT
530230720	V23072	SIEMENS 12V/6A SPST

## Reed Relays

Item Code	PART NUMBER	Description
520000060	0046	Reed Relay
77008118	0490-1804	Reed relay (COTO-9723-M)
580010323	052AY-220BA	Reed Relay 4pins SPST
580010322	104-1-A-5-3D	Reed Relay 4pins SPST N.O.
580010266	109-2-5-2D32F	Micro SIL Relay 5V 0.5A DPST
580010900	2200-0026	Reed Relay
580010901	2200-2301	Reed Relay

580010902	2204-12-210	Reed Relay
580010903	2211-05-301	Reed Relay
*580010904	2211-12-200	Reed Relay
580010905	2211-12-300	Reed Relay
580010906	2900-0010	Reed Relay
580010907	2902-05-410	Reed Relay
580011089	2911-05-321	Coto Reed Relay
580011088	581-214-00	Coto reed relay SPST 4pins
530008350	835C-2	Gordo's Reed Relay DIP 8 SPST
520000062	8520	Reed Relay
520000064	8525	Reed Relay
520000061	8746	Reed Relay
520000059	8850	Reed Relay
580011087	9104-0003	Reed Relay SPST 4 pins
520000063	9131	Reed Relay
520000065	9619	Reed Relay
520000124	COTO-0036	REED RELAY
580010253	Coto-0511-M	SIL Coto Relay 6pins 5V 0.5A DPST
520000102	COTO-8439	REED RELAY
520000101	COTO-8713	REED RELAY
520000106	COTO-8729	REED RELAY
520000104	COTO-8732	REED RELAY
520000111	COTO-8733	REED RELAY
520000105	COTO-8751	REED RELAY
520000103	COTO-8810	REED RELAY
520000122	COTO-8913	REED RELAY
520000108	COTO-9048	REED RELAY
520000109	COTO-9118	REED RELAY
520000107	COTO-9135	REED RELAY
520000123	COTO-9149	REED RELAY
530096020	COTO-9602	Reed Relay SPST 4pin
520001120	COTO-9702	REED RELAY
530097290	COTO-9729	Reed relay SPST 4 pin
520001121	COTO-9752	REED RELAY
520000110	COTO-9946	REED RELAY SPST
540024240	D2424D	Reed Relay SPST
580011086	HFW-1A-12S	12V 1A SPST Low Capacitance
540011200	VDT-112N	Reed Relay SPST 8pins

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## **IC SOCKET**

Date Generated: 11/25/2011

**IC socket**

<b>Item Code</b>	<b>PART NUMBER</b>	<b>Description</b>
570000459	40 PINS	40 PINS DIP Style
570000414	1X40	Connector Pin Socket 40pin gold
554221140	DC5	DC Jack 4.22mmx1.14mm
550000280	28pin	Hirel pin socket 28pin
77010611	40pins	Hirel Pins 40pins
570000401	IC Card1	IC Card Socket
570000418	ICU14	IC Holder 14 pins
570000419	ICU16	IC Holder 16 pins
570000420	ICU18	IC Holder 18 pins
570000421	ICU20	IC Holder 20 pins
580001647	28 pins	IC Holder 28 pins Body (big)
580010670	8 PINS	IC Holder 8
540000220	22 PINS	IC Holder Socket 22
540000280	28 PINS	IC Holder Socket 28 body(small)
540000321	32 PINS	IC Holder Socket 32
580000156	14 pins	IC Socket 14pins Hirel
77005725	16pin	IC socket 16 pin
580000157	16 pins	IC Socket 16 pins hirel
580000158	18 pins	IC Socket 18 pins Hirel
580000159	20 pins	IC Socket 20 pins Hirel
77007893	28 pin	ic socket 28 pins
*570000356	28 PINS	IC Socket 28 pins
580000160	28 pins	IC Socket 28 pins Hirel
580000161	40 pins	IC Socket 40 pins Hirel
580000155	8 pins	IC Socket 8pins Hirel
*580010653	32 pins	Narrow Socket
*580010652	Phone Jack	Phone Jack SMT
77010366	44	PLCC Socket (44 pins)
*77011680	52	PLCC Socket (52 pins)
*77011682	84	PLCC Socket (84 pins)
570000338	PLCC44	PLCC SOCKET 44 PINS
570000361	PLCC52	PLCC SOCKET 52 PINS
77011681	PLCC68	PLCC SOCKET 68 PINS
570000412	PLCC84	PLCC SOCKET 84 PINS
580001103	12x8	SCSP 12x8 Socket
580009968	12X8 SCSP	SCSP Socket
*570000355	SCH1	Sim Card Holder
580000111	18	Test Pin Socket
570000363	TS1	Test Socket soic28
*77010842	ZIP socket 18 pins	ZIP socket 18 pins
580000042	ZIF18	Zip Socket 18 pins ORIGINAL
*77010140	228-3345	Zip socket 28 pins (test socket)NEW
580000041	28 pins	Zip Socket 28 pins ORIGINAL
580010505	28 pins	Zip Socket 28 pins small new!
570000353	28 PINS	ZIP Socket 28 pins, text tool local(3M)
570000357	40 PINS	ZIP Socket 40 pins or text tool (3M)new!
77007753	Zif socket 40 pins	ZIP Socket 40 pins original

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# **SWITCHES**

Date Generated: 11/25/2011

## Switches

Item Code	PART NUMBER	Description
540022240	ESE22MH24	2mm Detector Switches Type 2N
580022430	Dip Switch	Dip Switch 2 pole 4 pins
530000080	8 PINS	DIP Switch 4 pole
77008301	4 DIP switch	DIP Switch 4 pole black/Red
570000382	16 pins	Dip Switch 8 pole
580001690	OTAX KHS 08	DIP switch 8 pole soic 16
77010621	8	Dip switch 8 poles (new)/BLUE
580001030	Limit Switch	Limit Switch with lever
580001021	250VAC 10A	Micro Switch 250Vac 10A
*77006029	MS1 micro switch	Micro Switch small
*580020987	Toggle switch	Mini Toggle Switch 2 position
580010474	GREEN	Push Button Green
580010473	RED	Push Button Red
520000318	01	Push Button Switch
580000181	PB1	Push Button Switch
580009971	PB1	Push Button Switch
580000072	SW2	Push button SWITCH Angle w/ red cap.SPDT
*580010403	SW	Push Button Switch UP with cap
580010061	HXW0350	Selector Switch (Hosiden) 2 WAY
580001380	SW7	Slide Switch
580010571	SW 14x30x8mm	Slide Switch
*77010906	SW14	Slide Switch (14x22.5x8)
*77010907	SW15	Slide Switch (14x30x8mm)
580000236	SW8	Slide Switch (6X10X5mm)
520000012	SW1	Slide Switch 6 pin (7x8.7x4.7mm)
77010898	SW9	Slide Switch 6.2x14x8mm
580000973	SW20	Slide Switch 6.5x9x7mm
*77010899	SW13	Slide Switch 6.7x14x7mm
580010172	SW3	Slide Switch 6x19.5x10.2mm
580010529	7P 2T Slide Switch	Slide Switch 7P 2T
77010902	SW10	Slide Switch 7x12.6x6mm
580000975	SW22	Slide Switch 7x14.4x7mm
580000974	SW21	Slide Switch 7x14.5x8.7mm
77010896	SW9	Slide Switch 7x14.6x7.5mm
77010903	SW11	Slide Switch 7x16.6x7.7mm
*77010904	SW14	Slide Switch 8x14.5x9mm
580000950	SW15	Slide Switch 9.5X7X7mm
*77010895	SW12	Slide Switch Blue
77010897	SL1	Slide Switch DP3T (6.8x16x7mm)
580001085	GH36	Slide Switch SPDT
580000081	SW2 slide switch	Slide Switch SPDT on-on (4x6.6x5mm)
580001379	000	Switch 10A/250V
580001381	SW8	Switch Alps
580010173	SW4	Switch ALPS
580001024	SW14	Switch black/white
580001475	0	Switch/Alps
570000364	TS1	Tact Switch Big w/ Knob and lens cap.
77008323	TS SMT	Tact Switch SMT 4 pins
580000481	45	Tact Switch SMT 6x6 4.5mm
520000200	720C&K	Toggle Switch DPDT OLD used
77010255	M-2022J	Toggle Switch industrial 6A/125VAC
580001648	TG SW	Toggle Switch Mini DPDT 3 position NEW!

## Push Switches

Item Code	PART NUMBER	Description
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550000340	3x4	Keypad membrane 3x4 Matrix
570000365	4X4	Keypad Membrane 4x4 Hexadecimal keypad
520000041	AV4	Micro Switch 3 pin
550000450	MS1	Micro Switch w/ lever
77011864	mini	Mini tact switch
580010665	TS	Mini Tact Switch
580020226	PB	Push Button Blue SPDT
77011866	PB	Push Button Blue/Black with cap.
580020227	PB	Push Button white
580011487	LS10N2-T	SMT Micro Push Button Switch (LS10N2-T)
58002004	Tact Switch	Tact Switch 2 pins
580021395	2pins tact	Tact Switch 2 pins
77008017	Tact switch	Tact switch 4.5mm 6x6 medium
580001745	Tact switch	tact switch Recessed knob
580010691	TS	Tact switch Side white

### Rotary Switches

Item Code	PART NUMBER	Description
580011000	Rotary Switch	3poles 4 position
580011001	4P3T ROT	4poles 3 position
580021011	RKJXL100401V	Multi-directional Switch
580010999	2P6T Rotary	Rotary Switch 2 poles 6 position

### Encoder

Item Code	PART NUMBER	Description
580010513	DR-FR10	Dial Switch 0-9 BCD Encoded
580001419	Encoder Switch	Encoder Switch
580010594	Encoder Switch	Encoder Switch
580010928	Encoder Switch	Encoder Switch
580020276	SR-303	Encoder Switch
580020277	SR-209	Encoder Switch
580020279	SR-365	Encoder Switch
530000010	ALPS	Encoder Switch green 32PPR
530000020	ALPS	Encoder Switch grn/blue 32 indents/32PPR

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## **BUZZERS AND SPEAKERS**

Date Generated: 11/25/2011

## Buzzers and Speakers

Item Code	PART NUMBER	Description
*77012613	8ohms	8ohms loudspeaker 2-1/4inc ferrite
580001020	14.4ohm	Buzzer 14.4 ohm
77005516	BZ	Buzzer Piezo
580001477	Buzzer w/ wire	Buzzer with wire
580022442	PKM22EPP-40	d22mm Piezo Buzzer
580022013	BL-20	d24mm Piezo Transducer
580022463	d24mm Buzzer	d24mm Piezo Transducer
*77002939	S36G24	d36 mm Mylar Cone 8ohms 0.5w
580011015	390-0004-Z	Magnetic Buzzer
580022014	Buzzer 30mm	Piezo Transducer 30mm with case
580010193	32ohms 0.1W	Speaker
77000828	speaker	speaker 16 ohms 0.25w NEW
*77002934	36-888-518	Speaker 8 ohm 0.5w Mylar Cone
580010644	TR	Telephone Receiver

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## **EXPERIMENTER TOOLS & MISCELLANY**

Date Generated: 11/25/2011

## Tools

Item Code	PART NUMBER	Description
*77004546	2383	3M Ground Strap Large
*77002003	2382	3M Ground Strap Medium
77000007	2381	3M Ground Strap Small
580000038	SYB-120	Breadboard Big
570000397	SYB-46	Breadboard/Protoboard small
580011170		Cutter big
580010491	YTH-109	Cutter new!
580010485	CT-366	Desoldering Pump/Sucker
580010488	0-200mm	Digital Caliper
580010489	WL500A	Electric/Hand Drill Set
77010603	GS	Ground Strap
580010640	WTS-610	IC Puller PLCC Extractor
*580010484	ST-502	Long Nose
77004909	MSD	Magnetic Screw Driver
*580010482	6311-31	Precision Screw Driver Set new!
580010486	SJ30-30W	Soldering Iron 30W
580010654	BK-103	Soldering iron 30W
580010861	CX-206	Soldering Pump
580011029	HAKKO 936	Soldering Station
580010490	TS-11	Twizzor
580010638	WS	Wire Stripper

## PCB

Item Code	PART NUMBER	Description
*77006161	HS-03B UPCB	147 x 95 Prototyping PCB
580010996	16pins	16 pins Soic to DIP adapter
580010997	20pins	20 pins Soic to DIP adapter
580010998	28pins	28 pins Soic to DIP adapter
*77006163	HS-01D	52 x 70 prototyping PCB
77010412	pc101	52x70 Prototyping PCB uncommitted pads
580010995	8 pins	8 pins Soic to DIP PCB adapter
77006162	HS-02B	89x68 prototyping PCB
77010411	pc201	89x68 Prototyping PCB Uncommitted Pads
77003263	6x8	Presensitized PCB Double 6X8/15 X 25cm
570000409	GD10X15 (6x4)	Presensitized PCB Double Side (KINGSTEN)
580011339	6x12	Presensitized PCB Double6X12/15x30cm
77012929	4x3"	Presensitized PCB Single 4x3"/10x7.5cm
77010604	4x6	Presensitized pcb Single 4x6/ 10 X 15cm
77012999	6x10 PCB	Presensitized PCB Single 6x10/ 15x25cm
77010605	6x12 PCB	Presensitized pcb Single 6x12/15 X 30cm
77010658	6x8	Presensitized pcb Single 6x8" 15 X 20cm
77011765	8x12 PCB	Presensitized pcb Single 8x12" 20 X 30cm
580000243	PP15X20 (6X8)	Presensitized PCB Single Side (15X20)
570000392	PP10X15 (6x4)	Presensitized PCB Single Side (KINGSTEN)
570000395	PP15X30 (6X12)	Presensitized PCB Single Side (KINGSTEN)
580010386	20X30 (8X12)	Presensitized PCB Single Side 20X30
77010606	4x6	Presensitized pcbDouble 4x6"/10X15cm
580011338	6X10 PCB GD	Presensitized PCB Double 6X10/ 15x25cm
*77010774	14 pin	SOIC to DIP with pins 14 pins

## Consumables

Item Code	PART NUMBER	Description
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77007311	.8mm Soldering lead roll	.8mm Soldering lead roll
580021414	3mm	Drill Bit 3mm
580010497	1mm	Drill Bit new!
580010498	.8mm	Drill Bit new!
580010499	.9mm	Drill Bit new!
77010818	.8mm	Drillbit 0.8mm
77010819	1mm	Drillbit 1.0mm
77010820	1.2mm	Drillbit 1.2mm
77012716	3	Drillbit 3mm
580022007	900M-T-B	Hakko Tip
580011030	Kapton Tape	High Temperature Tape 33mtrs.
77006788	#2	soder-wick fine braid #2
77006787	#3	soder-wick fine braid #3
77006789	#5	soder-wick fine braid #5
77004018	soldering lead (tube)	solder tube 17g
580010243	#3 25ft	Solder Wick
77006860	Soldering lead 60/40	solder wire 1mm 60/40
77004017	Solering lead .6mm	solder wire 250g
77004016	soldering flux 25g	soldering flux grease 25g
77006594	smtc-143	soldering iron tip
77008856	Soldering Lead 0.4mm	Soldering Lead 0.4mm
580010684	30	Soldering Tip 30W long life
580010685	30w	Soldering tip 30w ordinary
580010776	218250	Soldering tip for HAKKO
580010961	Insulator	Transistor Insulator set T0-220

### Test Equipment

Item Code	PART NUMBER	Description
580010388	XL830L DMM	Digital Multimeter
77006870	DSO & Multimeter	Digital Storage Ocsi. w/ Multimeter
*77006869	MS07102T DSO 100MHZ	Digital Storage Oscilloscope 100MHZ
*580010547	PDS6062S	Dual-Chan Colour Dig. Storage Osci.60mhz
580010702	LP-1	Logic Probe
580010487	DE-360TR	Multitester Analog new!
*580010481	P2000	Oscilloprobe Probe P2000 100Mhz 600V
*580010548	PDS5022S 25MHZ	Oscilloscope 25 MHz
*580011135	FH6-0783	OWON LCD
580010483	SR-300	Smart Sensor Infrared Thermometer new!
580011004	Test Probe pair 1000V	Test Probe pair 1000V

### Enclosures

Item Code	PART NUMBER	Description
580011044	Footing	Footing
580011039	KH-6 Plastic casing	Plastic Casing 38x70x100mm
580011040	KH-7 plastic casing	Plastic Casing 40x80x120mm
580011041	KH-9 Plastic Casing	Plastic Casing 50x100x150mm
580011042	KH-10 plastic casing	Plastic Casing 60x120x190mm

### DIYer's Accessories

Item Code	PART NUMBER	Description
*77012375	4x3 keypad	4x3 Membrane type Numeric keypad
77010624	4x4	4x4 Membrane Numeric keypad

77010353	Alligator clip	Alligator clip /pair
580010072	Banana Jack	Banana Jack (red/black)
*580010375	Red	Banana Plug Red/Black Pair
580010477	BH-322-1 x2 batter	Battery Holder x2
580010663	x4 battery holde	Battery Holder x4
*77011815	Binding Post Pair	Binding Post Pair
580010572	Fuse Holder	Fuse Holder
*77011793	Jumper block	Jumper Block
550000200	2 pins	Jumper short
56000041	Knobs	Knobs
580010993	Knobs	Knobs
580010802	5mm	LED Bessel
580010818	LED Bessel	LED Bessel
*77007222	Magnet	Neodymium Bar magnet 8.5x29x2
580010531	green	Neon Light green 220V
580010675	FHC	PC Solderable Fuse Holder Clip
580010607	RB2	PVC End Caps
580010608	RB3	Rubber Boots
580010606	RB1	Ruber Boots
*77012609	card	SD Card socket
77010998	holder	Sim card holder
580010254	Sim Card Holder	Sim Card Holder
*580011426	SCM	Suction Cup Mount
*580011427	SCM	Suction Cup Mount generic BIG
*580011428	SCM	Suction Cup Mount generic small
*580011429	SCM	Suction Cup Mounts (small) MAGELLAN

### Standoffs

Item Code	PART NUMBER	Description
580010956	M3x15	Brass Stud
*580010878	Metal Post	Hex Brass Stand off M3x15
580010955	M3x25	Hex Brass Standoff M3 x 25
580010957	M3x10	Hex Brass Stud 10xM3
580022441	M3x31.6mm	Hex Brass Stud M3x31.6
570000374	CHP-14	Nylon Spacer
580010879	Nylon Stand Off	Nylon Stand Off
570000373	10A	Nylon Stand off Snap on End
580010523	Plastic Post	Nylon Standoff 15mm x 6mm M3 M/F
580010951	73x10mm	Nylon Standoff 3.2ID x 5OD x 10mm
77011656	Plastic Post	Nylon Standoff 3.2ID x 5OD x 15mm
*580010682	PS	Nylon standoff d2.5x10 male both ends
*77006853		Nylon Standoff Snap on case to pcb
580010116	PCB Spacer	PCB Spacer
570000372	8A	Plastic Spacer
580000154	HTP-M3x25	Plastic Spacer
580000153	HTP-M3x10	Plastic Spacer HTP-M3x10

### Fasteners

Item Code	PART NUMBER	Description
580010071	Knob Shoulder Screw	Knob Shoulder Screw(gray,cream, black,b)
77003304	3x25	M Screw 3x25
77012502	2.5x8 screw	M/S Screw 2.5x8
77012503	3x18	M/S Screw 3x18
580010804	3x6	M/S Screw 3X6
77012505	3x8	M/S Screw 3x8
77012523	3x35	MS 3x35

77012524	3x20	MS Screw 3x20
77012525	3x30	MS Screw 3x20
580010947	M6	Nut
580010949	M10	Nut
580010896	Nut with washer	Nut with washer 3mm
580001378	000	Screen Lock/Knobs