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MPUs (Microprocessors)

80C39	8-Bit MPU, Single-Chip ROMless
MC6800	8-Bit Motorola MPU
MC68010	16-Bit Enhanced 6800
MC68000	16-Bit Motorola MPU
MC68A09P	8-Bit Motorola MPU, 1.5 MHz
MC68HC000P	16-Bit Low Power HCMOS Version
NSC800N	8-Bit National MPU, CMOS
Z80A	8-Bit Zilog MPU
Z84C00	8-Bit Zilog MPU, CMOS

MCUs (Microcontrollers)

MC68701L	8-Bit MOS MCU w/ 2K User EPROM
MC68HC705C4	8-Bit MCU (4K OTP ROM/176 Bytes RAM)
MC68HC705C8	8-Bit Motorola MCU (SIOP)
MC68HC705J1A	8-Bit Motorola MCU
MC68HC705P9	8-Bit Motorola MCU (SIOP)
Z86C04-4AC1	8-Bit MCU with 1K ROM/124 Bytes RAM
Z86E04 OTP	8-Bit MCU 2K PROM/124 Bytes RAM (8MHz)
Z86E04 OTP	8-Bit MCU w/ PROM 32 I/O 2 Timer (12MHz)
Z86E08 OTP	8-Bit MCU 2K PROM/124 Bytes RAM (12MHz)
Z86E30 OTP	8-Bit MCU 4K EPROM/237 Bytes RAM (8MHz)
Z86E30 OTP	8-Bit MCU 4K EPROM/237 Bytes RAM (12MHz)
Z86E31 OTP	8-Bit MCU 2K EPROM/124 Bytes RAM (8MHz)
Z86E40 OTP	8-Bit MCU 4K EPROM/236 Bytes RAM
Z86E61 OTP	8-Bit MCU 16K OTP ROM
Z86E83 OTP	8 ADC/DAC Channels 1K OTP RAM, 237 RAM
Z86733 OTP	8 K OTP/ROM 236 RAM
Z86743 OTP	8 K RAM/OTP 237 RAM Extended I/O
Z86E003P	Z8 plus MCU 1K OTP
AT89C2051	20 Pins 8051 MCU 2K Flash Rom (DIL)
AT89C4051	20 Pins 8051 MCU 4K Flash Rom (DIL)
AT89C405124SC	20 Pins 8-Bit Microcontroller with 4K Bytes Flash Rom (SMT)
AT89S5224AI	8-Bit Microcontroller w/8K Bytes (SMT)
AT89S5224PC	In-System Programmable Flash (DIL)
AT89LS5116AC	Low-Voltage Microcontroller with 4K Bytes In-System Programmable Flash
PIC16C57C	8-Bit Microcontroller w/2K Bytes Program Memory (DIL)
PIC16F84	18 pins Flash/EEPROM 8-Bit Microcontroller (DIL)
PIC16F628	18 pins CMOS Flash/EEPROM 8-Bit Microcontroller (DIL)
PIC16F877	40 pins CMOS Flash/EEPROM 8-Bit Microcontroller (DIL)
PIC18F242	28 pins Flash/EEPROM 8/16-Bit Microcontroller (DIL)

INTERFACE

6522	Asynchronous Interface Adapter (VIA)
81LS95N	Non-Inverting Octal Buffers (TS)
81LS96N	Inverting Octal Buffers (TS)
81LS97N	Non-Inverting Octal Buffers (TS)
81LS98N	Inverting Octal Buffers (TS)
8155	2K CMOS Static RAM with I/O Port and Timer
82C55	Programmable Peripheral Interface
8T26	Inverting Quad Bi-Directional Buffers (TS)
8T95	Non-Inverting Hex Unidirectional Buffers (TS)
8T96	Inverting Hex Unidirectional Buffers (TS)
8T97	Non-Inverting Hex Unidirectional Buffers (TS)
8T98	Inverting Hex Unidirectional Buffers (TS)
DS3691N	RS-422/RS-423 Line Driver w/Transceiver
DS8874N	9-Digit Shift Input LED Driver, Common Cathode
DSP56200	Cascadable Finite Impulse Response Filter
L293B	SGS-Thomson 4-Channel Push-Pull Driver
MAX232C	RS-232 Transceiver
MC1413P	Darlington Peripheral Driver Array
MC1488P	RS-232C Quad Drivers (DS1488)
MC1489AP	RS-232C Quad Receivers (DS1489)
MC3448AP	Quad Transceiver/Interface Bus
MC3486P	RS-422/423 Quad Receiver (TS)

MC3487P	RS-422/423 Quad Driver (TS)
MC6821P	Programmable PIA
MC68A21	Programmable PIA, 1.5 MHz
MC68B21	Programmable PIA, 2.0 MHz
MC68B54P	Data Link Controller
MC145406DW	EIA-232 Driver/Receiver
MC145407	5 Volt EIA-232-D Driver/Receiver
MC145411	Bit Rate Generator
MC33039	Closed Loop Brushless Motor Speed Controller
MM58274N	MPU Real Time Clock IC
MM80C98N	Inverting Hex Buffer (TS)
75107	Dual Line Receivers
75108	Dual Line Receivers
75114	Dual Differential Line Drivers
75115	Dual Differential Line Receivers
75121	Dual Line Drivers
75123	Dual Line Drivers (IBM360)
75450	Dual Peripheral Positive AND Drivers
75451	Dual Peripheral AND Drivers
75452	Dual Peripheral NAND Drivers
75454	Dual Peripheral NOR Drivers
ULN2003	Refer to MC1413CP
ULN2803	8 Unit Darlington Peripheral Array/Driver
Z401	Z86C04 Programmed Light Sequencer
Z8420	Z80 PIO IC
Z8430	Z80 CTC IC
Z8440	Z80 SIO IC
Z8470	Z80 DART IC
Z84C10	8-Bit Direct Memory Access Controller
Z84C20	8-Bit Parallel I/O Controller
Z84C30	8-Bit Counter/Timer Circuit
Z84C40	8-Bit Serial I/O Controller
Z84C90	CMOS Serial/Parallel/Counter/Timer (KIO) 8 MHz
Z16C3010VSC	Universal Serial Controller

MEMORY

	EEPROM
24C01	128 x 8 CMOS EEPROM I ² C Bus
24C02	256 x 8 CMOS EEPROM Serial
24C04	512 x 8 CMOS EEPROM I ² C Bus
24C64	64K x 8 Bit Serial Bus EEPROM
2814	256 x 8 EEPROM Serial Data/Address 3V to 6V, 8-pin
NMC9346	64 x 16 EEPROM

	EPROM
27C16	2716 Compatible CMOS Version
27C64	2764 Compatible CMOS Version
27C010	1M (128K x 8) Single Supply
27C020-15	2M (256K x 8) Single Supply
27C040-12	4M (256K x 8) Single Supply
27C256	256K (32768 x 8) 28-pin
27C512	512K (64K x 8)

	PROM
74S287	1K (256 x 4), Tri-State, 16-pin
74S288	256-Bit (32 x 8), Tri-State, 16-pin
74LS471	2K (256 x 8), Tri-State, 20-pin

	DYNAMIC RAM
4164	64K X 1GP DRAM
MCM6256BP10	256K (256K x 1) 100nS, 16-pin

	MOS STATIC RAM
68A10	1K (128 x 8) 360nS, 24-pin
68B10	1K (128 x 8) 250nS, 24-pin

	CMOS STATIC RAM
IS61C64B	(8K X 8) High Speed

6116	16K (2048 x 8) 150nS, 24-pin
6264	64K (8196 x 8), 28-pin
62256	(32k x 8) 100nS, 28-pin

EVALUATION/DEVELOPMENT/TRAINING TOOLS

Z8	Encore Flash Development kit
eZ80-Webserver	eZ80 Webserver/eZ80L92O21OZC0 Developer's Kit
Z86CCP01ZEM	Zilog Z8(R) CCP In-Circuit Emulator and Programs
LEGO	Midstorms Robotics Invention System Kit Version 2

D/A & A/D CONVERTERS

ADC0800PCD	8-Bit A/D Converter
ADC0804	8- Bit A/D Parallel Output
ADC0808LCN	8-Bit A/D Multiplexed Inputs Pairty Output
ADC0817CCN	8-Bit A/D Converter with 16 Channel Multiplexing
ADC0820 BCN	8-Bit High Speed A/D Converter
ADC0832CCN	8-Bit A/D Multiplexed Inputs Serial Output
ADC0844CCN	8-Bit μ PCompatible A/D Converter to 4-Channel Multiplexer
ADC-912HP	12-Bit A/D Converter
ADC1205CCJ	12-Bit Plus Sign A/D Converter
ADC1210HCD	12-Bit A/D Converter
ADD3511CCN	3-1/2 Digit A/D Converter BCD Out
ADD3701CCN	3-3/4 Digit DVM Chip
DAC-08HP	High Speed 8-Bit Multiplying D/A Converter
DAC0800LCN	8-Bit D/A Converter (0.19% LN)
DAC0832LCN	8-Bit D/A CMOS/TTL Logic Multiplying
DAC1230LCJ	MICRO-DAC 12-Bit, μ P Compatible, Double Buffered D/A Converter 16-Bit
ICL7106CP	3-1/2 Digit Single-Chip A/D Converter (LCD)
ICL7107CP	3-1/2 Digit Single-Chip A/D Converter (LED)
ICL7135CP	4-1/2 Digit A/D Converter

CLOCK ICS & MODULES

TMS3450	Duplex Digital Clock IC
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DISPLAY DRIVERS

MM5480N	3-1/2 Digit LED Display Driver
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ANALOG SWITCHES

74HC4316	Quad Analog Switch with Level Translator
LM1037N	Dual Four-Channel Analog Switch
DG188BA	1-Channel High Speed Driver SPDT JFET Switches
DG200BA	2 x SPST CMOS Analog Switch

MELODY/SOUND GENERATOR

M602	Ding-Dong Doorbell
7943COE	8-Song Melody
7943CON	8-Song Melody
7943COS	8-Song Melody
8030B	Dog Bark Sound IC
AC9202	Electronic Drum
AC9203	16 Melody
AC9301	Jingle Bells Melody
COP420HGZ	10-Song COPs Musical Organ
DS10241	20 Second Voice/Sound Recorder IC
RTS993-3	12-Song Christmas Melody
RTS0072	Voice Changer (4-Mode) (Replacement for RTS0071)

GAME ICS

COP413LSUH	Lazer Gun Game IC
COP413LSUJ	Memory Game IC
6005	NMOS LSI for 8-Bit MPU based TV console, (substitute for RP2A03 Nintendo)
6022	NMOS LSI designed for TV game console, (substitute for RP2C02 Nintendo)

CMOS LOGIC 4XXX SERIES

CD4000	Dual 3-Input NOR Gate Plus Inverter
CD4001	Quad 2-Input NOR Gate
CD4002	Dual 4-Input NOR Gate
CD4006	18-Stage Static Shift Register
CD4007	Dual Complementary Pair Plus Inverter
CD4008	4-Bit Full Adder with Parallel Carry-out
CD4009	Hex Inverting Buffer
CD4010	Hex Non-inverting Buffer
CD4011	Quad 2-Input NAND Gate
CD4012	Dual 4-Input NAND Gate
CD4013	Dual D Flip-Flop
CD4014	8-Stage Static Shift Register
CD4015	Dual 4-Bit Static Shift Register
CD4016	Quad Bilateral Switch
CD4017	Decade Counter/Divider w/o Decoded Outputs
CD4018	Presetable Divide-by-N Counter
CD4019	Quad AND-OR Select Gate
CD4020	14-Stage Ripple Carry Binary Counter/Divider
CD4021	8-Stage Static Shift Register
CD4022	Divide-by-8 Counter/Divider w/8 Decoded Outputs
CD4023	Triple 3-Input NAND Gate
CD4024	7-Bit Ripple Carry Binary Counter/Divider
CD4025	Triple 3-Input NOR Gate
CD4027	Dual JK Master/Slave Flip-Flop w/ Set and Reset
CD4028	BCD-to-Decimal Decoder
CD4029	Presetable Bi/Decade Up/Down Counter
CD4030	Quad Exclusive-OR Gate
CD4032	Triple Serial Adder (Positive Logic)
CD4034	8-Stage TS Bidirectional P/S I/O Bus Register
CD4035	4-Bit Parallel-In/Parallel-Out Shift Register
CD4038	Triple Serial Adder (Negative Logic)
CD4040	12-Bit Ripple Carry Binary Counter/Divider
CD4041	Quad True-Complement Buffer
CD4042	Quad Clocked D Latch
CD4043	Quad 3-State NOR R/S Latch
CD4044	Quad 3-State NAND R/S Latch
CD4046	Micropower Phase-Locked Loop
CD4047	Low Power Mono/Astable Multivibrator
CD4048	Expandable 8-Function 8-Input Gate (TS)
CD4049	Hex Inverting Buffer
CD4050	Hex Non-Inverting Buffer
CD4051	Single 8-Channel Analog Multiplexer/Demultiplexer
CD4052	Dual 4-Channel Analog Multiplexer/Demultiplexer
CD4053	Triple 2-Channel Analog Multiplexer/Demultiplexer
CD4054	4-Segment Display Driver (DIL)
CD4060	14-Stage Ripple Carry Binary Counter/Divider
CD4066	Quad Bilateral Switch
CD4068	8-Input NAND Gate
CD4069	Hex Inverter (MM74C04N)
CD4070B	Quad 2-Input Exclusive-OR Gate (MM74C86)
CD4071B	Quad 2-Input OR Buffered Gate
CD4072	Dual 4-Input OR Buffered Gate
CD4073B	Double Buffered Triple 3-Input AND Gate
CD4075B	Double Buffered Triple 3-Input OR Gate
CD4076B	Tri-State Quad D Flip-Flop
CD4077	Quad Exclusive-OR Gate

CD4078	8-Input NOR Gate
CD4081B	Quad 2-Input AND Buffered Gate
CD4082B	Dual 4-Input AND Buffered Gate
CD4093	Quad 2-Input NAND Schmitt Trigger
CD4094	8-Stage Shift/Store Register
CD4097	Dual 8-Channel Analog Multiplexer/Demultiplexer
CD4099	8-Bit Addressable Latch
CD40106	Hex Schmitt Trigger (MC14106)
CD40160	Decade Counter w/ Asynchronous Clear
CD40161	Binary Counter w/ Asynchronous Clear
CD40162	Decade Counter w/ Asynchronous Clear
CD40163	Binary Counter w/ Asynchronous Clear
CD40174	Hex D Flip-Flop
CD40175	Quad D Flip-Flop
CD4501	Triple Gate
CD4502	Strobe Hex Inverter/Buffer
CD4503	Hex Non-Inverting Tri-State Buffer
CD4504	Hex TTL or CMOS-to-MOS Level Shifter
CD4506	Dual Expandable AOI Gate
CD4507	Quad Exclusive OR Gate
CD4508	Dual 4-Bit Latch
CD4510	BCD Up/Down Counter
CD4511	BCD-to-7-Segment Latch Decoder/Driver
CD4512	8-Channel Data Selector
CD4513	BCD-to-7-Seg. Latch/Decoder/Driver-Ripple Blanking
CD4514	4-Bit Latched 4-to-16 Line Decoder (Active High Out)
CD4515	4-Bit Latched 4-to-16 Line Decoder (Active Low Out)
CD4516	Binary Up/Down Counter
CD4518	Dual Synchronous Up Counter
CD4519	4-Bit AND/OR Selector
CD4520	Dual Synchronous Up Counter
CD4521	24-Stage Frequency Divider
CD4522	Programmable Divide-by-N 4-Bit BCD Counter
CD4526	Programmable Divide-by-N 4-Bit Binary Counter
CD4527	BCD Rate Multiplier
CD4528	Dual Monostable Multivibrator
CD4532	8-Bit Priority Encoder
CD4536	Programmable Timer
CD4538	Dual Precision Monostable Multivibrator
CD4541	Programmable Timer w/ Oscillator
CD4543	BCD-to-7-Segment Latch/Decoder/Driver for LCD
CD4553	3-Digit BCD Counter
CD4555	Dual Binary to 1-of-4 Decoder
CD4556	Dual Binary to 1-of-4 Decoder (Inverting)
CD4558	BCD-to-7-Segment Decoder
CD4566	Industrial Time Base Generator
CD4568	Phase Comparator Programmable Counter
CD4569	Dual Programmable BCD Binary Counter
CD4572	Hex Gate (Quad Inverter plus 2-Input NOR Gate)
CD4584	Hex Schmitt Trigger
MC14106	Hex Schmitt Trigger

STANDARD TTL 74XXX SERIES

7400N	Quad 2-Input NAND Gate
7401N	Quad 2-Input NAND Gate (OC)
7402N	Quad 2-Input NOR Gate
7403N	Quad 2-Input NAND Gate (OC)
7404N	Hex Inverter
7405N	Hex Inverter (OC)
7406N	30V 30mA Hex Inverter (OC)
7407N	30V 30mA Hex Buffer (OC)
7408N	Quad 2-Input Positive AND Gate
7410N	Triple 3-Input NAND Gate
7414N	Hex Schmitt Trigger
7420N	Dual 4-Input NAND Gate
7425N	Dual 4-Input NOR Gate with Strobe
7426N	Quad 2-Input High Voltage NAND Gate
7427N	Triple 3-Input NOR Gate

7430N	8-Input NAND Gate
7432N	Quad 2-Input OR Gate
7437N	Quad 2-Input NAND Buffer
7438N	Quad 2-Input NAND Buffer (OC)
7440N	Dual 4-Input NAND Buffer
7441AN	BCD-to-Decimal Decoder/Driver (NIXIE)
7442N	BCD-to-Decimal Decoder/Driver
7445N	BCD-to-Decimal Decoder/Lamp, Relay or MOS Driver
7446AN	BCD-to-7-Segment Decoder/Driver (30 V, Active Low)
7447AN	BCD-to-7-Segment Decoder/Driver (15 V, Active Low)
7450N	Expandable Dual 2-Input AND-OR INVERT Gate
7451N	Dual 2-Input AND-OR-INVERT Gate
7453N	Expandable 2-Input AND-OR-INVERT Gate
7454N	2-Input AND-OR-INVERT Gate
7460N	Dual 4-Input Expander
7472N	Gated JK Master-Slave Flip-Flop
7473N	Dual JK Master-Slave Flip-Flop w/ Clear
7474N	Dual D-Type Flip-Flop w/ Preset and Clear
7475N	Quad Latch
7476N	Dual JK Master/Slave Flip-Flop w/ Preset & Clear
7485N	4-Bit Magnitude Comparator
7486N	Quad 2-Input Exclusive-OR Gate
7490AN	Decade Counter
7495N	4-Bit Parallel Access Shift Register
74107N	Dual JK Flip-Flop w/ Clear
74109N	Dual JK Flip-Flop (FSC9024) w/ Preset & Clear
74121N	Monostable Multivibrator
74123N	Dual Monostable Multivibrator
74125N	Tri-State Quad Buffer (DM8093)
74132N	Quad Schmitt Trigger
74141N	Nixie Driver
74145N	BCD-to-Decimal Decoder Driver (15V,80mA)
74148N	8-Input to 3-Line Priority Encoder (FSC9318)
74150N	1-of-16 Data Selector/Multiplexer
74151N	1-of-8 Data Selector/Multiplexer
74153N	Dual 4 Line-to-1 Line Data Selector/Multiplexer
74154N	4-to-16-Line Decoder/Demultiplexer
74155N	Dual 2-of-4 Decoder/Demultiplexer (Totem-Pole Output)
74156N	Dual 2-of-4 Decoder/Demultiplexer (OC)
74157N	Quad 2-Input Multiplexer (FSC9322)
74161AN	Presettable Binary Counter (FSC9316)
74162AN	Presettable Decade Counter (Sync Clear)
74163AN	Presettable Binary Counter (Sync Clear)
74164N	8-Bit Serial-In/Parallel-Out Shift Register
74165N	8-Bit Parallel-In/Serial-Out Shift Register w/ Computer Output
74166N	8-Bit Parallel-In/Serial-InShift Register
74170N	4 x 4 Register File
74173N	Tri-State Quad D Register (DM8551N)
74174N	Hex D Flip-Flop
74175N	Quad D Flip-Flop
74176N	Presettable Decade Counter (DM8280)
74180N	Parity Generator/Checker
74185AN	Binary-to-BCD Converter
74190N	Synchronous Decade Up/Down Counter
74191N	Synchronous Binary Up/Down Counter
74193N	Synchronous Binary Up/Down Dual Clock Counter w/ Clear
74194N	4-Bit Bidirectional, Universal Shift Register
74197N	Presettable Binary Counter/Latch (DM8291N)
74199N	8-Bit Parallel-In/Parallel-Out Shift Register,JK Serial Input
74251N	8-Input Multiplexer (TS)
74279N	Quad Set-Reset Latch
74298N	Quad 2-Input Multiplexer with Output Register
74365N	Tri-State Hex Buffer (DM8095)
74366N	Tri-State Hex Inverter (DM8096)
74367N	Tri-State Hex Buffer (4-2)
74368N	Tri-State Hex Buffer (4-2)

ADVANCE CMOS 74ACXXX SERIES

74AC00	Quad 2-Input NAND Gate
74AC02	Quad 2-Input NOR Gate
74AC04	Hex Inverter
74AC08	Quad 2-Input AND Gate
74AC10	Triple 3-Input NAND Gate
74AC11	Triple 3-Input AND Gate
74AC14	Hex Schmitt Trigger
74AC32	Quad 2-Input OR Gate
74AC74	Dual D Flip-Flop
74AC86	Quad 2-Input Exclusive-OR Gate
74AC109	Dual JK Positive Edge-Triggered
74AC153	Dual 4-Input Multiplexer
74AC157	Quad 2-Input Multiplexer
74AC163	4-Bit Binary Counter (Sync Reset)
74AC174	8-Bit Serial-In Parallel-Out Shift Register
74AC240	Octal Buffer/Line Driver, Inverting (TS)
74AC244	Octal Driver (TS)
74AC253	Dual 4-Input Multiplexer with 3-State Outputs
74AC273	Octal D Flip-Flop with Clear
74AC373	Octal Transparent Latch (TS)
74AC540	Octal Inverting Bus/Line Driver

ADVANCE CMOS 74ACTXXX SERIES

74ACT00	Quad 2-Input NAND Gate
74ACT04	Hex Inverter
74ACT08	Quad 2-Input AND Gate
74ACT10	Triple 3-Input NAND Gate
74ACT11	Triple 3-Input AND Gate
74ACT14	Hex Inverting Schmitt Trigger
74ACT32	Quad 2-Input OR Gate
74ACT86	Quad 2-Input Exclusive-OR Gate
74ACT132	Quad 2-Input NAND Schmitt Trigger
74ACT138	3-to-8 Line Decoder
74ACT139	Dual 2-to-4 Line Decoder
74ACT151	1-of-8 Decoder/Demultiplexer
74ACT153	Dual 4-Input Multiplexer
74ACT240	Octal Buffer/Line Driver, Inverting (TS)
74ACT245	Octal Bus Transceiver
74ACT253	Dual 4-Input Multiplexer
74ACT258	Quad 2-Input Multiplexer, Inverting (TS)
74ACT273	Octal D Flip-Flop with Clear
74ACT373	Octal Transparent Latch (TS)
74ACT540	Octal Inverting Bus/Line Driver
74ACT810	Quad 2-Input Exclusive-NOR Gate

CMOS 74CXXX SERIES

74C00N	Quad 2-Input NAND Gate
74C02N	Quad 2-Input NOR Gate
74C04N	Hex Inverter
74C08N	Quad 2-Input AND Gate
74C10N	Triple 3-Input NAND Gate
74C14N	Hex Schmitt Trigger
74C20N	Dual 4-Input NAND Gate
74C30N	8-Input NAND Gate
74C32N	Quad 2-Input OR Gate
74C42N	BCD-to-Decimal Decoder
74C48N	BCD-to-7 Segment Decoder
74C73N	Dual JK Flip-Flops w/ Clear
74C74N	Dual D Flip-Flop
74C76N	Dual JK Flip-Flops w/ Clear and Preset
74C83N	4-Bit Binary Full Adder
74C86N	Refer to CD4070 Quad 2-input EXCLUSIVE-OR
74C89N	64-Bit (16x4) RAM (TS)
74C90N	4-Bit Decade Counter
74C93N	4-Bit Binary Counter

74C95N	4-Bit Right-Shift/Left-Shift Register
74C107N	Dual JK Flip-Flops w/ Clear
74C150N	16-Line to 1-Line Multiplexer
74C151N	8-Bit Data Select/Multiplex w/ Strobe
74C154N	4-Line to 16-Line Decoder/Demultiplexer
74C157N	Quad 2-Input Multiplexer
74C160N	Decade Counter w/ Asynchronous Clear
74C161N	Binary Counter w/ Asynchronous Clear
74C162N	Decade Counter w/ Synchronous Clear
74C163N	Binary Counter w/ Synchronous Clear
74C164N	8-Bit Parallel-Out Serial Shift Register
74C165N	Parallel Load 8-Bit Shift Register
74C173N	Quad D Flip-Flop (TS)
74C174N	Hex D Flip-Flop
74C175N	Quad D Flip-Flop
74C192N	Synchronous 4-Bit Up/Down Decade Counter
74C193N	Synchronous 4-Bit Up/Down Binary Counter
74C195N	4-Bit Parallel-Access Shift Register
74C221N	Dual Monostable Multivibrator
74C240N	Octal Buffers and Line Drivers, Inverting (TS)
74C244N	Octal Buffers and Line Drivers, Non-Inv. (TS)
74C373N	Octal Flow-through Latch (TS)
74C374N	Octal D-Type Flip-Flop (TS)
74C906N	Hex Open Drain N-Channel Buffer
74C915N	7-Segment-to-BCD Converter
74C922N	16-Key Keyboard Encoder
74C925N	4-Digit Counters w/ Multiplexed 7-Segment Output Drivers
74C926N	4-Decade Counters w/ Multiplexed 7-Segment Output Drivers and Carry-out

FAST SCHOTTKY 74FXXX SERIES

74F00N	Quad 2-Input NAND Gate
74F02N	Quad 2-Input NOR Gate
74F04N	Hex Inverter
74F08N	Quad 2-Input AND Gate
74F10N	Triple 3-Input NAND Gate
74F11N	Triple 3-Input AND Gate
74F13N	Dual 4-Input NAND Schmitt Trigger
74F14N	Hex Schmitt Trigger
74F20N	Dual 4-Input NAND Gate
74F21N	Dual 4-Input AND Gate
74F32N	Quad 2-Input OR Gate
74F37N	Quad 2-Input NAND Buffer
74F38N	Quad 2-Input NAND Buffer (OC)
74F51N	Dual 2-Input AND-OR-INVERT Gate
74F64N	4-2-3-2-Input AND-OR-INVERT Gate
74F74N	Dual D Flip-Flop
74F86N	Quad 2-Input Exclusive-OR Gate
74F109N	Dual JK Flip-Flop
74F112	Dual Negative Edge Triggered, with Clear
74F125N	Quad Buffer, Low Enable (TS)
74F126N	Quad Buffer, High Enable (TS)
74F132N	Quad 2-Input NAND Schmitt Trigger
74F138N	1-of-8 Decoder/Demultiplexer
74F139N	Dual 1-of-4 Decoder/Demultiplexer
74F148N	8-Input to 3-Line Priority Encoder
74F151N	8-Input Multiplexer
74F153N	Dual 4-Input Multiplexer
74F157AN	Quad 2-Input Multiplexer
74F158AN	Quad 2-Input Multiplexer (Inv Out)
74F160AN	BCD Decade Counter (Async Reset)
74F161AN	4-Bit Binary Counter (Async Reset)
74F163AN	4-Bit Binary Counter (Sync Reset)
74F164N	8-Bit Serial-In/Parallel-Out Shift Register
74F174N	Hex D Flip-Flop with Clear
74F175N	Quad D Flip-Flop with Clear
74F194N	4-Bit Right/Left Shift Register

74F240N	Octal Buffer/Line Driver, Inverting (TS)
74F241N	Octal Buffer/Line Driver (TS)
74F242N	Quad Bus Transceiver, Inverting (TS)
74F243N	Quad Bus Transceiver (TS)
74F244N	Octal Driver (TS)
74F245N	Octal Bus Transceiver (TS)
74F253N	Dual 4-Input Multiplexer (TS)
74F259N	8-Bit Addressable Latch (9344)
74F373N	Octal Transparent Latch (TS)
74F374N	Octal D Flip-Flop (TS)
74F283N	4-Bit Binary Full Adder, Look Ahead Carry

HIGH-SPEED CMOS 74HCXXX SERIES

74HC00N	Quad 2-Input NAND Gate
74HC02N	Quad 2-Input NOR Gate
74HC03N	Quad 2-Input Open Drain NAND Gate
74HC04N	Hex Inverter
74HC08N	Quad 2-Input AND Gate
74HC10N	Triple 3-Input NAND Gate
74HC11N	Triple 3-Input AND Gate
74HC14N	Hex Inverting Schmitt Trigger
74HC20N	Dual 4-Input NAND Gate
74HC27N	Triple 3-Input NOR Gate
74HC30N	8-Input NAND Gate
74HC32N	Quad 2-Input OR Gate
74HC42N	BCD-to-Decimal Decoder
74HC51N	Dual AND-OR-INVERT Gate
74HC58N	Dual AND-OR Gate
74HC73N	Dual JK Flip-Flop w/ Clear
74HC74N	Dual D Flip-Flop w/ Preset & Clear
74HC75N	4-Bit Bi-stable Latch w/ Q & Q Output
74HC76N	Dual JK Flip-Flop w/ Preset & Clear
74HC85N	4-Bit Magnitude Comparator
74HC86N	Quad 2-Input Exclusive-OR Gate
74HC107N	Dual JK Flip-Flop w/ Clear
74HC109N	Dual JK Flip-Flop w/ Preset & Clear
74HC112N	Dual JK Flip-Flop w/ Preset & Clear
74HC113N	Dual JK Flip-Flop w/ Preset
74HC125N	Quad Buffers (TS, High Input Control)
74HC126N	Quad Buffers (TS, Low Input Control)
74HC132N	Quad 2-Input NAND Schmitt Trigger
74HC133N	13-Input NAND Gate
74HC137N	3-to-8 Line Decoder w/ Address Latches (Inverting)
74HC138AN	3-to-8 Line Decoder
74HC139N	Dual 2-to-4 Line Decoder
74HC151N	8-Channel Data Selector/Multiplexer
74HC153N	Dual 4-Input Data Selector/Multiplexer
74HC154N	4-to-16 Line Decoder/Demultiplexer
74HC157N	Quad 2-Input Data Selector/Multiplexer
74HC158N	Quad 2-Input Data Selector/Multiplexer (Inverting)
74HC160N	Synchronous Decade Counter w/Asynchronous Clear
74HC161N	Synchronous Binary Counter w/Asynchronous Clear
74HC162N	Synchronous Decade Counter w/Synchronous Clear
74HC163N	Synchronous Binary Counter w/Synchronous Clear
74HC164N	8-Bit Serial-In/Parallel-Out Shift Register
74HC165N	8-Bit Parallel-In/Serial-Out Shift Register
74HC173N	Quad D Flip-Flop w/ Common Clock & Reset (TS)
74HC174N	Hex D Flip-Flop w/ Common Clock & Reset
74HC175N	Quad D Flip-Flop w/ Common Clock & Reset
74HC192N	Presetttable Up/Down Decade Counter
74HC193N	Presetttable Up/Down Binary Counter
74HC194N	4-Bit Bidirectional Shift Register
74HC195N	4-Bit Parallel Shift Register
74HC237N	3-to-8 Decoder w/ Address Latches
74HC240N	Inverting Octal Buffer (TS)
74HC241N	Non-inverting Octal Buffer (TS)

74HC242N	Inverting Quad Transceiver (TS)
74HC243N	Non-inverting Quad Transceiver (TS)
74HC244N	Non-inverting Octal Buffer (TS)
74HC245N	Non-inverting Octal Transceiver (TS)
74HC251N	8-Input Data Selector/Multiplexer (TS)
74HC253N	Dual 4-Input Multiplexer (TS)
74HC257N	Quad 2-Input Multiplexer (TS)
74HC259N	8-Bit Addressable Latch/3-to-8 Line Decoder
74HC266N	Quad 2-Input Exclusive-NOR Gate, Open-Drain Out
74HC273N	Octal D Flip-Flop w/ Clear
74HC279N	Quad S-R Latches
74HC365N	Non-Inverting Hex Buffer (TS)
74HC366N	Inverting Hex Buffer (TS)
74HC367N	Non-inverting Hex Buffer (TS)
74HC368N	Inverting Hex Buffer (TS)
74HC373N	Octal D-Type Latch (TS)
74HC374N	Octal D-Type Flip-Flop (TS)
74HC4002N	Dual 4-Input NOR Gate
74HC4017N	Decade Counter/Divider w/ 10 Decoded Outputs
74HC4024N	7-Stage Binary Ripple Counter
74HC4040N	12-Stage Binary Ripple Counter
74HC4049N	Hex Inverting Logic Level Down Converter
74HC4050N	Hex Non-Inverting Logic Level Down Converter
74HC4051N	8-Channel Analog Multiplexer/Demultiplexer
74HC4052N	Dual 4-Channel Analog Multiplexer/Demultiplexer
74HC4053N	Triple 2-Channel Analog Multiplexer/Demultiplexer
74HC4060N	14-Stage Binary Counter with Oscillator
74HC4066N	Quad Analog Switch/Multiplexer/Demultiplexer with ON-Resistance Linearity
74HC4075N	Triple 3-Input OR Gate
74HC4078N	8-Input NOR/OR Gate
74HC4316N	Quad Analog Switch/Multiplexer
74HC4351N	8-Channel Analog/Multiplexer/Demultiplexer with Address Latch
74HC4352N	Dual 4-Channel Analog/Multiplexer/Demultiplexer with Address Latch
74HC4353N	Triple 2-Channel Analog/Multiplexer/Demultiplexer
74HC4511N	BCD-to-7-Segment Latch/Decoder/Driver
74HC4514N	4-to-6 Decoder/Demultiplexer w/ Address Latch
74HC4538N	Dual Retriggerable Monostable Multivibrator
74HC4543N	BCD-to-7 Segment Latch/Decoder/Driver for LCD

LOW-POWER SCHOTTKY 74LSXXX SERIES

74LS00N	Quad 2-Input NAND Gate
74LS01N	Quad 2-Input NAND Gate (OC)
74LS02N	Quad 2-Input NOR Gate
74LS03N	Quad 2-Input NAND Gate (OC)
74LS04N	Hex Inverter
74LS05N	Hex Inverter (OC)
74LS08N	Quad 2-Input AND Gate
74LS09N	Quad 2-Input AND Gate (OC)
74LS10N	Triple 3-Input NAND Gate
74LS11N	Triple 3-Input AND Gate
74LS12N	Triple 3-Input NAND Gate (OC)
74LS13N	Dual 4-Input NAND Schmitt Trigger
74LS14N	Hex Schmitt Trigger
74LS15N	Triple 3-Input AND Gate (OC)
74LS20N	Dual 4-Input NAND Gate
74LS21N	Dual 4-Input AND Gate
74LS22N	Dual 4-Input NAND Gate (OC)
74LS26N	Quad 2-Input NAND Gate (HV)
74LS27N	Triple 3-Input NOR Gate
74LS30N	8-Input NAND Gate
74LS32N	Quad 2-Input OR Gate
74LS33N	Quad 2-Input NOR Buffer (OC)
74LS37N	Quad 2-Input NAND Buffer
74LS38N	Quad 2-Input NAND Buffer (OC)

74LS40N	Dual 4-Input NAND Gate	74LS193N	Synchronous Up/Down Dual Clock Binary Counter
74LS42N	1-of-10 Decoder	74LS194N	4-Bit Right/Left Shift Register
74LS47N	BCD-to-7-Segment Decoder/Driver (OC)	74LS195N	4-Bit Shift Register (9300)
74LS48N	BCD-to-7-Segment Decoder	74LS196N	Preset Decade Counter
74LS49N	BCD-to-7-Segment Decoder (OC)	74LS197N	Preset Binary Counter
74LS51N	Dual 2-Input AND-OR-INVERT Gate	74LS221N	Dual Monostable Multivibrator w/ Schmitt-Trigger In
74LS54N	4-Input AND-OR-INVERT Gate	74LS240N	Octal Bus Line Driver, Inverting (TS)
74LS55N	Dual 4-Input AND-OR-INVERT Gate	74LS241N	Octal Bus Line Driver (TS)
74LS73AN	Dual JK Flip-Flop w/ Preset & Clear	74LS242N	Quad Bus Transceiver, Inverting (TS)
74LS74AN	Dual D Flip-Flop	74LS243N	Quad Bus Transceiver (TS)
74LS75N	Quad Latch	74LS244N	Octal Driver (TS)
74LS76AN	Dual JK Flip-Flop w/ Preset & Clear	74LS245N	Octal Bus Transceiver (TS)
74LS77N	4-Bit Bi-Stable Latch w/ Q	74LS247N	BCD-to-7-Segment Decoder/Driver (OC)
74LS78AN	Dual JK Flip-Flop w/ Preset Common Clock & Clear	74LS248N	BCD-to-7-Segment Decoder/Driver
74LS83AN	4-Bit Binary Full Adder	74LS249N	BCD-to-7-Segment Decoder/ Driver (OC)
74LS85N	4-Bit Magnitude Comparator	74LS251N	8-Input Multiplexer (TS)
74LS86N	Quad 2-Input Exclusive-OR Gate	74LS253N	Dual 4-Input Multiplexer (TS)
74LS90N	Decade Counter	74LS256N	Dual 4-Bit Addressable Latch
74LS91N	8-Bit Serial-In/Serial-Out Shift Register	74LS257N	Quad 2-Input Multiplexer (TS)
74LS92N	Divide-by-12 Counter	74LS258N	Quad 2-Input Multiplexer, Inverting (TS)
74LS93N	4-Bit Binary Counter	74LS259N	8-Bit Addressable Latch (9344)
74LS95N	4-Bit Shift Register	74LS260N	Dual 5-Input NOR Gate
74LS107N	Dual JK Flip-Flop w/ Corner PWR Pins	74LS266N	Quad Exclusive-NOR GATE (OC)
74LS109N	Dual JK Positive Edge-Triggered Flip-Flop w/ Preset & Clear	74LS273N	Octal D Flip-Flop w/ Clear
74LS112N	Dual JK Negative Edge-Triggered Flip-Flop w/ Preset & Clear	74LS279N	Quad Set/Reset Latch
74LS113N	Dual JK Negative Edge-Triggered Flip-Flop w/ Preset & Clear	74LS280N	9-Bit Odd/Even Parity Generator/Checker
74LS114N	Dual JK Negative Edge-Triggered Flip-Flop w/ Preset, Clock & Clear	74LS283N	4-Bit Full Adder (Rotated LS83)
74LS122N	Retriggerable One Shot w/ Clear	74LS290N	Decade Counter (Divide-by-2 and 5)
74LS123N	Dual Retriggerable One Shot w/ Clear	74LS293N	4-Bit Binary Counter
74LS125N	Quad Buffer, Low Enable (TS)	74LS295N	4-Bit Shift Register (TS)
74LS126N	Quad Buffer, High Enable (TS)	74LS298N	Quad 2-Multiplexer with Output Register
74LS132N	Quad 2-Input NAND Schmitt Trigger	74LS299N	8-Bit Shift/Storage Register (TS)
74LS133N	13-Input NAND Gate	74LS322N	8-Bit Shift Register with Sign Extended (TS)
74LS136N	Quad 2-Input Exclusive-OR Gate (OC)	74LS323N	8-Bit Shift/Storage Register (TS)
74LS137N	3-to-8 Line Decoder/Demultiplexer w/ Address Latches	74LS348N	8-Input-to-3-Line Priority Encoder (TS)
74LS138N	1-of-8 Decoder/Demultiplexer	74LS352N	Dual 4-Multiplexer (Inverting LS153)
74LS139N	Dual 1-of-4 Decoder/Demultiplexer	74LS353N	Dual 4-Multiplexer (TS LS352)
74LS145N	1-of-10 Decoder/Driver (OC)	74LS365N	Hex Buffer with Common Enable (TS)
74LS147N	10-Input to 4-Line Priority Encoder	74LS366N	Hex Inverter with Common Enable (TS)
74LS148N	8-Input to 3-Line Priority Encoder	74LS367N	Hex Buffer, 4-Bit & 2-Bit (TS)
74LS151N	8-Input Multiplexer	74LS368N	Hex Inverter, 4-Bit & 2-Bit (TS)
74LS153N	Dual 4-Input Multiplexer	74LS373N	Octal Transparent Latch (TS)
74LS154N	4-Line-to-16-Line Decoder	74LS374N	Octal D Flip-Flop (TS)
74LS155N	Dual 1-of-4 Decoder/Demultiplexer	74LS375N	Quad Latch
74LS156N	Dual 1-of-4 Decoder/Demultiplexer (OC)	74LS377N	Octal D Flip-Flop with Enable
74LS157N	Quad 2-Input Multiplexer	74LS378N	Hex D Flip-Flop with Enable
74LS158N	Quad 2-Input Multiplexer (Inv Out)	74LS379N	4-Bit D Flip-Flop with Enable
74LS160N	BCD Decade Counter (Async Reset)	74LS385N	Quad 4-Bit Adder/Subtractor
74LS161N	4-Bit Binary Counter (Async Reset)	74LS386N	2-Input Quad/Exclusive OR Gate
74LS162N	BCD Decade Counter (Sync Reset)	74LS390N	Dual Decade Counter
74LS163N	4-Bit Binary Counter (Sync Reset)	74LS393N	Dual 4-Bit Binary Counter
74LS164N	8-Bit Serial-In/Parallel-Out Shift Register	74LS395N	4-Bit Shift Register (TS)
74LS165N	8-Bit Parallel-In/Serial-Out Shift Register w/ Complementary Outputs	74LS398N	Quad 2-Input Multiplexer with Output Register
74LS166N	8-Bit Parallel-In/Serial-Out Shift Register	74LS399N	Quad 2-Input Multiplexer with Output Register
74LS168N	Up/Down Decade Counter	74LS471N	Refer to PROM List
74LS169N	Up/Down Binary Counter	74LS490N	Dual Decade Counter
74LS173N	4-Bit D-Type Register (TS)	74LS540N	Octal Inverting Bus/Line Driver
74LS174N	Hex D Flip-Flop w/ Clear	74LS640N	Octal Bus Transceivers with 3-State Outputs
74LS175N	Quad D Flip-Flop w/ Clear		
74LS182N	Carry Look-Ahead Generator		
74LS183N	Dual Carry/Save Full Adder		
74LS190N	Synchronous Up/Down Decade Counter		
74LS191N	Synchronous Up/Down Binary Counter		
74LS192N	Synchronous Up/Down Dual Clock Decade Counter		

SCHOTTKY TTL 74SXXX SERIES

74S00N	Schottky Quad 2-Input NAND Gate
74S02N	Schottky Quad 2-Input NOR Gate
74S04N	Schottky Hex Inverter
74S08N	Schottky Quad 2-Input AND Gate
74S10N	Schottky Triple 3-Input NAND Gate
74S14N	Hex Schmitt Trigger
74S20N	Schottky Dual 4-Input NAND Gate
74S32N	Schottky Quad 2-Input OR Gate

74S38N	Schottky Quad 2-Input NAND Buffers (OC)
74S51N	Dual 2-wide 2-input AND-OR-INVERT Gate
74S74N	Schottky Dual D Flip-Flop
74S86N	Schottky Quad 2-Input Exclusive-OR Gate
74S112N	Schottky Dual JK Flip-Flop
74S133N	Schottky 13-Input NAND Gate
74S140N	Dual 4-input NAND 50 + Line Driver
74S151N	Schottky 1-of-8 Data Selectors/MUXS
74S153N	Schottky Dual 4-to-1 Line Data Selectors/MUXS
74S157N	Schottky Quad 2-to-1 Data Selectors/MUXS
74S174N	Schottky Hex D-type Flip-Flop
74S175N	Schottky Quad D-type Flip-Flop
74S194N	Schottky 4-Bit Universal Shift Register
74S195N	Schottky 4-Bit Parallel-Access Shift Register
74S253N	Schottky Data Selector/Multiplexer (TS)
74S257N	Schottky Quad 2-Data Selector/Multiplexer (TS)
74S258N	Schottky Quad 2-Data Selector/Multiplexer (TS)
74S287N	Refer to PROM List
74S288N	Refer to PROM List
74S381	Logic Unit/Function Gen
74S387N	Refer to PROM List
74S472N	Refer to PROM List
74S473N	Refer to PROM List

TELECOM ICS

DF320DJ	CMOS Loop Disconnect Dialers
ET40992	Pulse Telephone Dialer IC
LR40993	Telephone Dialer IC, Tone/Pulse
MC145441	300 Baud Modem Filter-CCITT V.21
MC145447	Ring Detector/Calling Line Identification
MC145554	Single-Chip PCM CODEC Filter, 16-pin
MC145611	PCM 8-Channel Conference Circuit
MC145428	Data Set Interface (DSI)
MC34010	Dialer, Tone w/ Speech Net./DC Line Volt. Reg.
MC34012	Tone Ringer
MC34017	Tone Ringer
MC34018	Speaker Phone Network IC
MC34115	CVDS Modulator/Demodulator
MM53200N	Digital Code Transmitter/Receiver
74HC942N	300 bps Low-Speed Modem Circuit
74HC943N	300 Baud Modem, +5V
TP3040	PCM Monolithic Filter
TP3053-X	Extended Temperature Monolithic Serial Interface CMOS Codec/Filter COMBO
TP5089	DTMF Tone Generator
XR2211	FSK Demodulator/Tone Decoder

PLL ICS

LM565CN	Phase-Locked Loop (DIL)
LM566CN	Voltage-Controlled Oscillator (Mini-DIP)
LM567CN	Tone Decoder IC (DIL)(PLL)
LM1391N	PLL Horizontal TV Processor
MC1310P	PLL FM Stereo Demodulator
MC12017	÷ 65 Dual Modulus Prescaler
MC12022	Prescaler 1.1 GHz
MC12034	Prescaler 2 GHz
MC4044P	Phase Freq. Detector
MC121022	Prescaler 2 Modulus Selectable
MC121034	2 Modulus Prescaler
MC145155P1	Serial Input PLL Frequency Synthesizer
MC145159P1	Frequency Synthesizer 15MHz for Dual-Modulus Prescalers, Sample & Hold Phase Detector
MC145158P2	Dual Mode PLL Frequency Synthesizer
TA7343P	PLL FM Stereo Multiplex Demodulator IC
XR205J	VCO Monolithic Waveform Generator

AM/FM RADIO AND TV ICS

BA1320	Stereo Multiplex IC
BA1404	Stereo Transmitter (DIP/MF)
BA1602L	FM Intercom
BA631	FM Intercom (DIP)
HA11235	Synchronous Signal Processing and Deflection IC
LM1035	TV Sound IC/Stereo Audio Processor
LM1310	Stereo Decoder
LM1496N	Balanced Modulator-Demodulator IC (DIL)
LM1810N	FM Stereo Demodulator (DIL)
LM1868N	AM/FM Radio System IC (DIL)
LM1871N	Radio-Controlled Encoder/Transmitter (DIL)
LM1872N	Radio-Controlled Decoder/Receiver (DIL)
LM1880J	No-Holds Vertical/Horizontal
LM1889N	TV Video Modulator (DIL)
LM3075N	FM Detector/Limiter and Audio Pre-Amplifier (DIL)
LM3089N	Refer to LM3189
LM3189N	FM IF System (DIL)
LM3820N	AM Radio System (Equivalent to LM1820N)
LM733CH	Differential Video Amp (TO-5)
LM733CN	Differential Video Amp (DIL)
MC13001XP	Monomax Single Chip Television
MC13055	FSK IF Amplifier Detector
MC13135	FM Single Chip Radio Circuit
MC1330AP	Video IF Amplifier
MC1350P	Video IF Amp (DIL)
MC1351P	TV Sound Circuit IC (DIL)
MC1352P	TV Video IF Amp IC (DIL)
MC1355P	Limiting FM IF Amplifier IC (DIL)
MC1357P	TV IF Amp w/ Quadrature Detector IC (DIL)
MC1358P	TV Sound IF Amplifier IC (DIL)
MC1374P	RF Modulator IC (DIL)
MC1377P	Color TV RGB to PAL/NSTC Encoder
MC1378P	Complete Color TV Video Overlay Synchronizer
MC1391P	TV Horizontal Processor (LM3089P)
MC1394P	TV Horizontal Processor IC (Mini-DIP)
MC2831AP	Low Power FM Transmitter System
MC2833	FM/FSK Transmitter
MC3317P	Delta Modulation System
MC3359	IF Amplifier, Narrow Band
MC3363	Receiver Subsystem, Dual Conversion
MC3363DW	Narrow & Dual Conversion Receiver w/ RF Amp/Mute
MC3371	FM IF, Low Power Narrowband
MC3372	FM IF, Narrowband
NE592N	Video Amplifier IC (DIL)
TA2003P	AM-FM Tuner IC
TA7342P	FM Stereo Multiplex IC
TA7616P	Single Chip Car Radio AM Tuner IC
TBA120Q	FM IF Amp., Limiter and Detector (DIL)
TDA1083	AM/FM Single Chip Radio System IC
TDA1190P	TV Sound System IC (DIL)
TDA3190	Complete TV Sound System
TDA3301B	Video Color Demodulator
TSO181	TV Sync Generator
ULN2204N	AM/FM Single Chip Radio System IC
µPC587C2	FM Stereo Demodulator IC

AUDIO ICS

PRE-AMPS/AMPS

LA3155	2-Channel 9V Equalizer Amplifier
LA4170	2-Channel Amplifier for Headphone
LH0002CN	Current Amplifier (DIL)
LM12CLK	150 W Op Amp IC (80V)
LM1875T	20-Watt Power Audio Amplifier (TO-220)
LM1877N	Dual Power Audio Amplifier
LM1896N	Dual 1-Watt Low-Voltage Audio Power Amp. (DIL)
LM2877P	Dual 4-Watt Audio Power Amplifier (SIP)

LM2878P	Dual 5-Watt (6-32V) Audio Power Amplifier (SIP)
LM2879T	Dual 9-Watt Audio Amplifier
LM2896P	Dual 1-Watt Low-Voltage Audio Power Amplifier (SIP)
LM380N-14	Audio Power Amplifier (DIL)
LM380N-8	Audio Power Amplifier (Mini-DIP)
LM381N	Low-Noise Dual Pre-Amp, 112dB Gain (DIL)
LM382N	Low-Noise Dual Pre-Amp, 100dB Gain (DIL)
LM383T	8-Watt Audio Power Amplifier (TO-5B)
LM384N	5-Watt Audio Power Amplifier (DIL)
LM386N	Low-Voltage Audio Power Amplifier (Mini-DIP)
LM387N	Low-Noise Dual Pre-Amp (Mini-DIP)
LM388N	1.5-Watt Audio Power Amplifier (DIL)
LM389N	Low-Voltage Audio Power Amplifier w/ NPN Transistor Array (DIL)
LM390N	1-Watt Battery-Operated Audio Power Amp. (DIL)
LM391N-100	Audio Power Driver (100V)
LM4765	30W Audio Power Amplifier with Mute and Standby Modes
TA7137P	Pre-amp with ALC Transistors for Tape Recorders
TA7313P	500mW Audio Power Amplifier IC
TA7336P	340mW Audio Power Amp IC
TA7368	600mW Power Amp
TA7628P	600mW Amp System for Portable Cassette Tape
TA8173	Sound Field Generator
TA8216	13W/Channel Dual Audio Amp
TA7641BP	Single Chip AM Radio w/ Audio Power Amp
TBA820M	Low Voltage Audio Amplifier (Mini-DIP)
TDA2002	8W Car Radio Audio Amp
TDA2005	20W Bridge Amplifier for Car Radio
TDA2822	Dual Power Amplifier
XR4212	Quad Preamp

AUDIO PROCESSORS

BA3822	Stereo Equalizer IC
DK9501	Digital Delay Processor IC
LM1035N	Dual DC-Operated Tone/Volume/Balance Circuit
LM1036N	Dual DC-Operated Tone/Volume/Balance Control IC
LM1040	Dual DC-Operated Tone/Volume/Balance/Circuit with Stereo Enhancement Facility
LM1818N	Electronically-Switched Audio Tape System (DIL)
SM7183	Digital Echo Reverb IC
TA8184	DC Controlled Tone Control

LED DISPLAY DRIVERS

LM3914N	Dot/Bar Display Driver Linear (DIL)
LM3915N	Dot/Bar Display Driver 3 dB (DIL)
LM3916N	Dot/Bar Display Driver Log (DIL)

OP AMPS**GENERAL PURPOSE**

LM108AH	High Performance Super Gain Op Amp (TO-5)
LM10CLH	Op Amp & Voltage Reference IC (TO-5)
LM10CLN	Op Amp & Voltage Reference IC (DIL)
LM11CLH	Precision DC Op Amp (TO-5)
LM11CLN	Precision DC Op Amp (Mini-DIP)
LM1458N	Dual Compensated Op Amp (Mini-DIP)
LM201AN	Gen. Purpose Op Amp
LM2901N	Low-Power Low-Offset Volt. Quad Comparators (DIL)
LM2902N	Low-Power Quad Op Amp (DIL)
LM2904N	Low-Power Dual Op Amp (DIL)
LM301AH	Uncompensated Op Amp (TO-5)
LM301AN	Uncompensated Op Amp (Mini-DIP)
LM302H	Voltage Follower Op Amp (TO-5)
LM307H	General Purpose Compensated Op Amp (TO-5)
LM307N	General Purpose Compensated Op Amp (DIL)
LM308AH-1	Super Gain Op Amp (High Performance)
LM308N	Super Gain Op Amp (DIL)

LM310H	Voltage Follower Op Amp (TO-5)
LM310N	Voltage Follower Op Amp (DIL)
LM312H	Micropower Op Amp (TO-5)
LM318H	High-Slew Rate Op Amp (TO-5)
LM318N	High-Slew Rate Op Amp (DIL)
LM321H	Precision Preamplifiers (TO-5)
LM324N	Low-Power Quad Op Amp (DIL)
LM324N	Low-Power Quad Op Amp (SMD)
LM3301N	Quad Operational Amplifier (DIL)
LM348N	Quad 741 Op Amp (DIL)
LM349N	Quad 741 Op Amp High-Speed (DIL)
LM358N	Low-Power Dual Op Amp (DIL)
LM3900N	Quad Operational Amplifier (DIL)
LM741CH	Compensated Op Amp (TO-5)
LM741CN-8	Compensated Op Amp (8-pin)
LM747CH	Dual 741 Op Amp (TO-5)
LM747CN	Dual 741 Op Amp (DIL)
LM748CH	Uncompensated 741 Op Amp (TO-5)
LM748CN	Uncompensated 741 Op Amp (Mini-DIP)
LP324N	Ultra-Low Power Quad Op Amp (DIL)
MC33171	Low Power Single Supply Op Amp
MC33174	Quad Low Power Single Supply Op Amp
MC34071	High-Performance Single Supply Op Amp
MC4558CG	Dual High Frequency Op Amp (TO-5)
MC4558CP1	Dual High Frequency Op Amp (Plastic DIP)
MC4741P	Quad MC1741 Op Amp (Plastic DIP)
OP-05EP	Instrumentation Op Amp (Mini-DIP)
OP-07DP	Ultra Low Offset Voltage Op Amp (Mini-DIP)
OP-27GP	Ultra-Low Noise, Low Offset Op Amp
XR4741	Quad Op Amp (See MC4741)

COMPARATORS

LM1414N	Dual Differential Voltage Comparator (DIL)
LM1801N	Battery Operated Power Comparator
LM2903N	Low-Power Low Offset Voltage Dual Comp.(DIL)
LM311H	High-Performance Voltage Comparator (TO-5)
LM311N	High-Performance Voltage Comparator (DIL)
LM319H	High-Speed Dual Comparator (TO-5)
LM319N	High-Speed Dual Comparator (DIL)
LM3302N	Low-Power Low-Offset Voltage Quad Comparator (DIL)
LM339N	Low-Power, Low-Offset Voltage Quad Comparator (DIL)
LM339N	Low-Power, Low-Offset Voltage Quad Comparator (SMD)
LM392N	Low-Power Op Amp/Voltage Comparator
LM393N	Low-Power Low Offset Voltage Dual Comparator (DIL)
LM393N	Low-Power Low Offset Voltage Dual Comparator (SMD)
LM710CH	Voltage Comparator (TO-5)
LM710CN	Voltage Comparator (DIL)
LM711CH	Dual Comparator (TO-5)
LP339N	Ultra-Low Power Quad Comparator (DIL)

JFET INPUT

LF347N	Wide Bandwidth Quad JFET Input Op Amp (DIL)
LF351N	Wide Bandwidth JFET Input Op Amp (DIL)
LF353N	Wide Bandwidth Dual JFET Input Op Amp (DIL)
LF355N	JFET Input Op Amp, Low Supply Current (DIL)
LF356H	JFET Input Op Amp Wide Band (TO-5)
LF356N	JFET Input Op Amp Wide Band (DIL)
LF357N	JFET input Op Amp High-Speed (DIL)
LF411CN	Low Offset, Low Drift JFET Input Op Amp(DIL)
LF412CN	Low Offset, Low Drift Dual JFET Input Op Amp (DIL)
LF441CN	Low-Power JFET Input Op Amp (DIL)
LF444CN	Quad Low-Power JFET Op Amp (DIL)
LF13741N	Monolithic 741 with JFET Input Op Amp (DIL)
MC34001P	JFET Input Op Amp (DIL)
TL062	Linear IC Dual Low Power JFET Op Amp
TL071CP	Low Noise JFET Input Op Amp
TL072CP	Dual Low Noise JFET Input Op Amp
TL074CP	Low Noise JFET Input Op Amp
TL081CP	JFET Input Op Amp (plastic DIL)

TL082CP	Dual JFET Input Op Amp (plastic DIL)
TL084CP	JFET Input Op Amp

LINEAR AMPLIFIERS

AMP-03GP	Precision, Unity-Gain Differential Amplifier
LM13700N	Dual Operational Transconductance Amp w/ Linearizing Diodes and Buffers
LM3080N	Operational Transconductance Amplifier (DIL)
LM359N	Dual, High-Speed, Programmable Current- Mode (Norton) Amplifiers (DIL)
SSM2100	Antilog Amplifier
SSM2110P	True RMS to DC Converter (DIP)

POWER SUPPLY ICs

LM3524N	Regulating Pulse Width Modulator
LM3525N	Regulating Pulse Width Modulator
MC1466L	Voltage and Current Regulator
MC1468L	Dual $\pm 15V$ Tracking Regulator (DIL)
MC34161	Universal Voltage Monitor
MC34262	Power Factor Controller
MC3423P1	Overvoltage "Crowbar" Sensing Circuit
MC3425P1	PS Supervisory Protection Circuit
TL494N	Switching Regulator Control IC (DIL)
TL496N	TI IC (DIL)
$\mu A78S40PC$	Universal Switching Regulator Subsystem (1.25V to 40V)

VOLTAGE-INPUT REFERENCE/SOURCE

LM285-2.5	Micropower Voltage Reference (2.5V) Diode (TO-92)
LM329CZ	Precision Voltage Reference 6.95V (TO-92)
LM334Z	3-Terminal Adjustable Current Source (TO-92)
LM336BZ-2.5	2.5V Reference Diode (TO-92)
LM336BZ-5.0	5.0V Reference Diode (TO-92)
LM385Z-2.5	2.5 Micropower Voltage Reference Diode
LM3999Z	Precision Reference 6.95 V (TO-92)
MC1403U	Precision Voltage Reference 2.5V $\pm 25mV$ (CerDIP)
TL431CP	Programmable Reference Voltage

VOLTAGE REGULATORS

LM2931CT	Adjustable Low Dropout Regulator
LM2931T-5.0	Series Low Dropout Regulator 5V (TO-220)
LM304H	Negative Voltage Regulator (TO-5)
LM305H	Positive Voltage Regulator (TO-5)
LM309K	Positive VR 1A, 5V (TO-3)
LM317K	Adjustable Positive VR 1.5A (TO-3)
LM317T	Adjustable Positive VR 1.5A (TO-220)
LM320KC-XX	Refer to LM79XXCK
LM320T-XX	Refer to LM79XXCT
LM323K	Positive VR 3A, 5V (TO-3)
LM325N	Dual $\pm 15V$ Tracking Voltage Regulator (DIL)
LM326N	Dual $\pm 12V$ Tracking Voltage Regulator (DIL)
LM337K	3-Terminal Adjustable Negative VR 1.5A (TO-3)
LM337T	3-Terminal Adjustable Negative VR 1.5A (TO-220)
LM338K	Adjustable Positive VR 5A (TO-3)
LM340KC-XX	Refer to LM78XXCK (TO-3)
LM340T-XX	Refer to LM78XXCT (TO-220)
LM341P-12	Positive VR 0.5A, 12V (TO-202)
LM341P-15	Positive VR 0.5A, 15V (TO-202)
LM341P-18	Positive VR 0.5A, 18V (TO-202)
LM341P-24	Positive VR 0.5A, 24V (TO-202)
LM345K-5.0	Negative VR 3A, 5V (TO-3)
LM350K	Adjustable Positive VR 3A (TO-3)
LM350T	Adjustable Positive VR 3A (TO-220)
LM376N	Positive Voltage Regulator (DIL)
LM395K	Ultra Reliable Power Transistor
LM396K	Adjustable Positive VR 10A (TO-3)
LM723CH	Adjustable Positive VR 150mA (TO-5)

LM723CN	Adjustable Positive VR 150mA (DIL)
LM7805CK	Positive VR 1.5A, 5V (TO-3)
LM7805CT	Positive VR 1.5A, 5V (TO220)
LM7806CK	Positive VR 1.5A, 6V (TO-3)
LM7806CT	Positive VR 1.5A, 6V (TO-220)
LM7808CK	Positive VR 1.5A, 8V (TO-3)
LM7808CT	Positive VR 1.5A, 8V (TO-220)
LM7812CK	Positive VR 1.5A, 12V (TO-3)
LM7812CT	Positive VR 1.5A, 12V (TO-220)
LM7815CK	Positive VR 1.5A, 15V (TO-3)
LM7815CT	Positive VR 1.5A, 15V (TO-220)
LM7818CK	Positive VR 1.5A, 18V (TO-3)
LM7818CT	Positive VR 1.5A, 18V (TO-220)
LM7824CK	Positive VR 1.5A, 24V (TO-3)
LM7824CT	Positive VR 1.5A, 24V (TO-220)
LM78L05ACZ	Positive VR 100mA 5V (TO-92)
LM78L08ACZ	Positive VR 100mA 8V (TO-92)
LM78L12ACZ	Positive VR 100mA 12V (TO-92)
LM78L15ACZ	Positive VR 100mA 15V (TO-92)
LM78L18ACZ	Positive VR 100mA 18V (TO-92)
LM78L24ACZ	Positive VR 100mA 24V (TO-92)
LM78MXXCP	Refer to LM341P-XX
LM7905.2CT	Negative VR 1.5A, 5.2V (TO-220)
LM7905CK	Negative VR 1.5A, 5V (TO-3)
LM7905CT	Negative VR 1.5A, 5V (TO-220)
LM7906CT	Negative VR 1.5A, 6V (TO-220)
LM7908CT	Negative VR 1.5A, 8V (TO-220)
LM7912CK	Negative VR 1.5A, 12V (TO-3)
LM7912CT	Negative VR 1.5A, 12V (TO-220)
LM7915CK	Negative VR 1.5A, 15V (TO-3)
LM7915CT	Negative VR 1.5A, 15V (TO-220)
LM7918CT	Negative VR 1.5A, 18V (TO-220)
LM7924CK	Negative VR 1.5A, 24V (TO-3)
LM7924CT	Negative VR 1.5A, 24V (TO-220)
LM79L12ACZ	Negative VR 100mA, 12V (TO-92)
LM79M05CP	Negative VR 0.5A, 5V (TO-202)
LM79M06CP	Negative VR 0.5A, 6V (TO-202)
LM79M08CP	Negative VR 0.5A, 8V (TO-202)
LM79M12CP	Negative VR 0.5A, 12V (TO-202)
LM79M15CP	Negative VR 0.5A, 15V (TO-202)
LM79M18CP	Negative VR 0.5A, 18V (TO-202)
LM79M24CP	Negative VR 0.5A, 24V (TO-202)

TIMERS

LM3905N	Precision Timer (DIL)
LM555CH	IC Timer (TO-5)
LM555CN	IC Timer (Mini-DIP)
LM556CN	Dual IC Timer (DIL)
LMC555	LM555 CMOS Version (DIL)
MC1455P	Timer IC
NE558A	Quad IC Timer IC (DIL)
XR320	Monolithic Timing Circuit (1 μ S to 1hour)

TRANSISTOR ARRAYS

CA3054	Dual Differential Amplifiers (DIL)
LM3046N	Transistor Array IC (DIL)
LM3146N	High-Voltage Transistor Array (DIL)

SENSORS/TRANSDUCERS

LM335Z	Precision Temperature Sensor (TO-92)
LM34CH	Precision Fahrenheit Temperature Sensor (TO-5)
LM34Z(CZ)	Precision Fahrenheit Temperature Sensor (TO-92)
LM35CH	Precision Centigrade Temperature Sensor (TO-5)
LM35DZ	Precision Centigrade Temperature Sensor (TO-92)
LM3911N	Temperature Transducer (DIL)
MTS102	Silicon Temperature Sensor

SPECIAL FUNCTION

8005	Light Chaser IC, 8 Function Christmas Light Control
AD633	Low Cost Four-Quadrant Analog Multiplier (DIL)
AN6650	1.8V-6V Motor Speed Governor
AN5552	6-20V, 1A Motor Speed Governor
LM1812N	Ultrasonic Transceiver IC (DIL)
LM1851N	Ground Fault Interrupter
LM1893N	Carrier-Current Transceiver (DIL)
LM2907N	Frequency-to-Voltage Converter (DIL)
LM2917N	Frequency-to-Voltage Converter w/Zener (DIL)
LM331N	Precision Voltage-to-Frequency Converters (DIL)
MC1595L	Four Quadrant Multiplier (DIL)
MM5437N	Digital Noise Source
XR2206	Function Generator

OPTOCOUPLERS

4N25	Transistor Output 80mA 30V 0.25W (TR 20%)
4N26	Transistor Output 80mA 30V 0.25W (TR 20%)
4N29	Darlington Output 40mA 30V 0.25W (TR 100%)
4N30	Darlington Output 80mA 30V 0.25W (TR 100%)
4N33	Refer to 4N30
4N35	Transistor Output 60mA 30V 0.3W (TR 20%)
4N38A	Transistor Output 80mA 80V 0.25W (TR 20%)
HA11AA1	AC Input Transistor Output 10mA 30V
HA11D1	Transistor Output I/O Isolator
ITR8102	Slotted Isolator (Case 354-01)
ITR8105	Slotted Isolator (Case 354-02)
MCT2	Transistor Output (TR 20%)
MOC70T1	Slotted Optical Switch 60mA 30V 150mW Transistor Output (Case 354A)
MOC70W1	Slotted Optical Switch 60mA 30V 150mW Transistor Output (Case 792-01)
MOC71W1	Slotted Optical Switch 60mA 30V 150mW Darlington Output (Case 792-01)
MOC75U1	Slotted Optical Switch (Case 354B-01)
MOC119	Photo Darlington Output 100mA 30V 0.25W (Transfer Ratio 300%)
MOC3002	Photo SCR Output 60mA 250V 0.4W (Transfer Ratio 300%)
MOC3021	Photo Triac Driver Output 50mA 400V 0.33W
MOC3041	Triac Driver Output (w/ Zero-Crossing Detector)
MOC3043	Triac Driver Output (w/ Zero-Crossing Detector)
MOC3081	Triac Driver Output
MOC5007	Logic Output, 60mA 25W
MOC7822	Slotted Coupler Transistor Output (TR 10%)
MOC8050	Darlington Output 80mA 80V 0.25W (TR 500%)
PC817	High Density Mounting Type Photocoupler NPN Phototransistor Output 50mA 50V 0.25W

BIPOLAR TRANSISTORS

	GENERAL PURPOSE
1402	NPN 0.4W 50V 175MHz 0.15A (TO-92)
1502	NPN 0.25W 30V 550MHz 0.03A FM/RF (TO-92)
1602	PNP 0.4W 50V 150MHz 0.15A Driver (TO-92)
1702	NPN 0.6W 30V 120MHz 0.8A Audio Power (TO-92)
1802	PNP 0.6W 30V 120MHz 0.8A Audio Power (TO-92)
8050	NPN 25V 1A (TO-92)
8550	PNP 20V 1A (TO-92)
9011	NPN 0.4W 30V 100MHz 0.05A AM/FM/IF (TO-92)
9012	PNP 0.625W 25V 0.8A Audio Power (TO-92)
9013	NPN 0.625W 25V 0.8A Audio power (TO-92)
9014	NPN 0.625W 50V 150MHz 0.15A Driver (TO-92)
9015	PNP 0.625W 50V 150MHz 0.15A Driver (TO-92)
9016	NPN 0.4W 20V 400MHz 25mA Low-Noise RF (TO-92)
9018	NPN 0.625W 12V (TO-92)

9418	NPN 25V 1.5A (TO-92)
9462	PNP 25V 0.6A (TO-92)
9484	PNP 50V 0.6A (TO-92)
9626	NPN Gen. Purpose Small Signal (TO-92)
9632	NPN 0.35W 30V 0.1A (TO-92)
2N697	NPN 0.6W 40V 50MHz 0.05A (TO-39)
2N706	NPN 0.3W 40V 0.1A 200MHz (TO-18)
2N708	NPN 0.36W 40V 0.1A 300MHz (TO-52)
2N718A	NPN 0.4W 40V 50MHz 0.05A (TO-18)
2N1132	PNP 0.6W -35V -0.15mA (TO-5)
2N1613	NPN 0.8W 50V 60MHz 0.5A (TO-39)
2N1711	See 2N718A
2N2102	NPN 1W 65V 60MHz 1A (TO-39)
2N2218A	NPN 0.8W 40V 250MHz 0.8A (TO-39)
2N2222A	NPN 0.4W 40V 250MHz 0.8A (TO-18)
2N2904A	PNP 0.6W 60V 200MHz 0.6A (TO-39)
2N2905A	PNP 0.6W 60V 200MHz 0.6A (TO-39)
2N2906A	PNP 0.4W 60V 200MHz 0.6A (TO-18)
2N2907A	PNP 0.4W 60V 200MHz 0.6A (TO-18)
2N2925	NPN 0.2W 25V 125MHz 0.1A (TO-92)
2N2926	NPN 0.2W 18V 125MHz 0.1A (TO-92)
2N3053	NPN 5W 60V 100MHz 0.7A (TO-39)
2N3391	NPN 0.2W 25V 250MHz 0.1A (TO-92)
2N3393	NPN 0.2W 25V 125MHz 0.1A (TO-92)
2N3415	NPN 0.36W 25V 250MHz 0.1A (TO-92)
2N3416	NPN 0.36W 50V 250MHz 0.1A (TO-92)
2N3417	NPN 0.36W 50V 125MHz 0.1A (TO-92)
2N3440	NPN 1W 250V 1A (TO-39)
2N3565A	NPN 0.25W 25V 40MHz 0.25A (TO-92)
2N3638A	PNP 0.3W 25V 150MHz 0.3A (TO-92)
2N3643	NPN 0.3W 30V 250MHz 0.5A (TO-92)
2N3645	PNP 0.3W 60V 200MHz 0.5A (TO-92)
2N3646	NPN 0.2W 15V 350MHz 0.3A (TO-92)
2N3702	PNP 0.3W 25V 100MHz 0.05A (TO-92)
2N3704	NPN 0.36W 30V 100MHz 0.05A (TO-92)
2N3707	NPN 0.25W 30V 0.1mA (TO-92)
2N3904	NPN 0.625W 40V 100MHz 0.2A (TO-92)
2N3905	PNP 0.625W 40V 200MHz 0.2A (TO-92)
2N3906	PNP 0.625W 40V 250MHz 0.2A (TO-92)
2N4033	PNP 1.25W 80V 150MHz 1A (TO-39)
2N4036	PNP 5W 65V 60MHz 1A (TO-39)
2N4037	PNP 1W 40V 60MHz 1A (TO-39)
2N4058	PNP 0.625W 30V 390MHz 0.02A (TO-92)
2N4400	NPN 0.625 40V 200MHz 0.6A (TO-92)
2N4401	NPN 0.625 40V 250MHz 0.6A (TO-92)
2N4402	PNP 0.3W 40V 150MHz 0.6A (TO-92)
2N4403	PNP 0.3W 40V 200MHz 0.5A (TO-92)
2N5210	NPN 0.35W 50V 30MHz 0.025A (TO-92)
2N5306	NPN 0.6W 25V 1.5A Darlington (TO-92)
2N5401	PNP 0.3W 150V 100MHz 0.6A (TO-92)
2N5551	NPN 0.35W 160V 100MHz 0.6A (TO-92)
2SA201	PNP 0.1W -15V -15mA (Ge)
2SA203	PNP 0.1W -15V -15mA (Ge)
2SA446	PNP 50mW -18V -10mA (Ge)
2SA562	PNP -35V -500mA 500mW (200MHz)
2SA733	PNP 250mW -50V -100mA Audio Driver
2SA1015	PNP 400mW -50V -150mA (>80MHz)
2SB77	PNP Ge 0.15W 25V 2MHz 0.1A (Case 12C)
2SB187	PNP Ge 0.2W 25V 1MHz 0.15A (Case 12A)
2SC380	PNP 300mW -30V -50mA (400MHz)
2SC735G	NPN 300mW 35V 400mA 300MHz
2SC828Q	NPN 250mW 30V 50mA 220MHz
2SC945	NPN 250mW 50V 100mA Audio Driver
2SC1684	NPN 250mW 30V 100mA 150MHz
2SC1815	NPN 0.4W 60V 0.15A (TO-92)
2SC1923	NPN 100mW 40V 20mA 550MHz (TO-92)
2SC1959	NPN 500mW 30V 500mA 300MHz (TO-92)
BC327	PNP 0.625W 45V 260MHz 0.8A (TO-92)
BC328	PNP 0.625W 25V 260MHz 0.8A (TO-92)
BC337	NPN 0.625W 45V 210MHz 0.8A (TO-92)
BC338	NPN 0.625W 25V 210MHz 0.8A (TO-92)
BC547	NPN 0.625W 65V 150MHz 0.1A (TO-92)
BC548	NPN 0.625W 45V 150MHz 0.1A (TO-92)
BC557	PNP 0.625W 45V 320MHz 0.2A (TO-92)
MMBT3904	NPN 0.625W 40V 100MHz 0.2A (SMT)
MMBT3906	PNP 0.625W 40V 250MHz 0.2A (SMT)
MMBT4401	NPN 0.625 40V 250MHz 0.6A (SMT)

MMBT4403	PNP 0.3W 40V 200MHz 0.5A (SMT)	MJ15024	NPN 250W 200V 4MHz 16A (TO-204)
MPS404A	PNP 0.625W 24V 4MHz 0.15A (TO-92)	MJ15025	PNP 250W 250V 4MHz 16A (TO-204AA)
MPS6513	NPN 0.625W 30V 0.1A (TO-92)	MJ16018	NPN 150W 10A (TO-204)
MPS6514	NPN 0.625W 25V 0.1A (TO-92)	MJE182	NPN 12.5W 80V 50MHz 3A (TO-126)
MPS6515	NPN 0.625W 25V 0.1A (TO-92)	MJE200	NPN 15W 25V 5A (TO-225A)
MPS6518	PNP 0.625W 40V 0.1A (TO-92)	MJE243	NPN 15W 100V 40MHz 4A (TO-126)
MPS6507	NPN 0.625W 20V 50mA (TO-92)	MJE244	NPN 15W 100V 40MHz 4A (TO-126)
MPS6521	NPN 0.625W 25V 0.1A (TO-92)	MJE253	PNP 15W 100V 40MHz 4A (TO-126)
MPS6527	NPN 0.3W 25V 0.1mA (TO-92)	MJE340	NPN 20W 300V 0.5A (TO-126)
MPS6567	NPN 0.3W 40V 375MHz 10mA (TO-92)	MJE350	PNP 20W 300V 0.5A (TO-126)
MPS6568A	NPN 0.35W 20V 50 mA (TO-92)	MJE700	PNP 40W 60V 4.0A Darlington (TO-126)
MPSA05	NPN 0.625W 60V 100MHz 0.5A (TO-92)	MJE710	PNP 20W 40V 1.5A (TO-126)
MPSA06	NPN 0.625W 80V 100MHz 0.5A (TO-92)	MJE800	NPN 40W 60V 4A Darlington (TO-126)
MPSA13	NPN 0.625W 30V 125MHz 0.5A (TO-92)	MJE1090	PNP 70W 60V 1MHz 5A Darlington (TO-127)
MPSA20	NPN 0.625W 40V 125MHz 0.1A (TO-92)	MJE1093	PNP 70W 80V 5A Darlington (Case-90)
MPSA43	NPN 0.625W 500mA 330V (TO-92)	MJE1100	NPN 70W 60V 1MHz 5A Darlington (TO-127)
MPSA56	PNP 0.625W 80V 50MHz 0.5A (TO-92)	MJE1291	PNP 90W 60V 3MHz 15A (TO-127)
MPSA63	PNP 0.625W 30V 125MHz 0.5A (TO-92)	MJE15032	NPN 50W 250V 30MHz 8A (TO-220AB)
MPSA70	PNP 0.625W 40V 125MHz 0.1A (TO-92)	MJE15033	PNP 50W 250V 30MHz 8A (TO-220AB)
MPSA93	PNP 0.625W 200V 0.5A (TO-92)	MJE2160	Equivalent to TIP48
MPSL01	NPN 0.625W 120V 60MHz 0.15A (TO-92)	MJE2361	NPN 30W 350V 10MHz 0.5A (TO-220)
MPSL51	PNP 0.625W 100V 60MHz 0.6A (TO-92)	MJE2955	PNP 75W 60V 2MHz 10A (TO-127)
NA21E	NPN 0.6W 20V 50MHz 1.5A Audio Output (TO-92)	MJE3055T	NPN 75W 60V 2MHz 10A (TO-220)
NA22E	PNP 0.6W 20V 50MHz 1.5A Audio Output (TO-92)	MJE3440	NPN 15W 250V 15MHz 0.3A (TO-126)
NA31K	NPN 1.75W 30V 20MHz 2A (TO-202)	MJE5740	NPN 80W 300V 8A Darlington (TO-220)
NA32K	PNP 1.75W 30V 20MHz 2A (TO-202)	MJE5850	PNP 80W 300V 8A (TO-220)
PN100	NPN 45V 250MHz 0.5A (TO-92)	MJE6043	NPN 75W 60V 8A Darlington (TO-127)
PN200	PNP 45V 250MHz 1.0A (TO-92)	MJE6044	NPN 75W 80V 8A Darlington (TO-127)
PN4917	PNP 30V 450MHz 0.1A (TO-92)	MJE12007	NPN 65W 1500V 4.0MHz 2.5A (TO-220)
POWER TRANSISTORS		MJE13004	NPN 75W 300V 4A Switching (TO-220)
2N3055	NPN 115W 60V 2.5MHz 15A (TO-3)	MJE13006	NPN 80W 300V 8A Switching (TO-220)
2N3771	NPN 150W 40V 0.2MHz 30A (TO-3)	MJE13007	NPN 80W 400V 8A Switching (TO-220)
2N3772	NPN 150W 60V 0.2MHz 20A (TO-3)	MPSU06	NPN 10W 80V 50MHz 2A (Case 152)
2N3773	NPN 150W 140V 4MHz 16A (TO-3)	MPSU56	PNP 10W 80V 50MHz 2A (Case 152)
2N5190	NPN 40W 40V 4A (TO-126)	MPSU95	PNP 10W 40V 100MHz 2A Darlington (Case 152)
2N5885	NPN 200W 60V 25A (TO-3)	NA51W	Refer to 2N6121 (page 13)
2N5988	PNP 100W 80V 2MHz 12A (TO-127)	NA52W	Refer to 2N6124 (page 13)
2N5991	NPN 100W 80V 2MHz 12A (TO-127)	NSD36C	NPN 2W 300V 20MHz 1A (TO-202)
2N6035	PNP 40W 60V 4A Darlington (TO-126)	NSDU07	NPN 2W 100V 80MHz 1A (TO-202)
2N6038	NPN 40W 60V 4A Darlington (TO-126)	NSDU57	PNP 2W 100V 70MHz 1A (TO-202)
2N6041	PNP 75W 80V 8A Darlington (TO-220)	TIP29A	NPN 30W 60V 3MHz 1A (TO-220)
2N6044	NPN 75W 80V 8A Darlington (TO-220)	TIP29C	NPN 30W 100V 3MHz 1A (TO-220)
2N6055	NPN 100W 8A Darlington (TO-204)	TIP30A	PNP 30W 60V 3MHz 1A (TO-220)
2N6121	NPN 40W 45V 2.5MHz 4A (TO-220)	TIP30B	PNP 30W 80V 3MHz 1A (TO-220)
2N6124	PNP 40W 45V 2.5MHz 4A (TO-220)	TIP30C	PNP 30W 100V 3MHz 1A (TO-220)
2N6131	NPN 50W 80V 2.5MHz 7A (TO-220)	TIP31	NPN 40W 40V 3MHz 3A (TO-220)
2N6134	PNP 50V 80V 2.5MHz 7A (TO-220)	TIP31B	NPN 40W 80V 3MHz 3A (TO-220)
2N6340	NPN 200W 140V 40MHz 25A (TO-3)	TIP31C	NPN 40W 100V 3MHz 3A (TO-220)
2N6717	NPN 0.85W 80V 50MHz 1A (TO-237)	TIP32	PNP 40W 40V 3MHz 3A (TO-220)
2N6725	NPN 0.85W 60V 1.5A Darlington (TO-237)	TIP32C	PNP 40W 100V 3MHz 3A (TO-220)
2N6729	PNP 0.85W 80V 70MHz 1A (TO-237)	TIP35	NPN 125W 40V 3MHz 25A (TO-218)
2N6162	See TIP31 (page 14)	TIP35C	NPN 125W 100V 3MHz 25A (TO-218)
2SC1061	See TIP31B (page 14)	TIP36	PNP 125W 40V 3MHz 25A (TO-218)
2SC2314	NPN 5W 75V 250MHz 1A (TO-126)	TIP36C	PNP 125W 100V 3MHz 25A (TO-218)
BU204	NPN 36W 1300V 2.5A 4MHz (TO-3)	TIP41	NPN 65W 40V 3MHz 6A (TO-220)
BU205	NPN 36W 1500V 2.5A 4MHz (TO-3)	TIP41C	NPN 65W 100V 3MHz 6A (TO-220)
BU207	NPN 12.5W 1300V 5A 4MHz (TO-3)	TIP42	PNP 65W 40V 3MHz 6A (TO-220)
BU208	NPN 12.5W 1500V 5A 4MHz (TO-3)	TIP42A	PNP 65W 60V 3MHz 6A (TO-220)
BU806	NPN 60W 200V 8A (TO-220)	TIP42B	PNP 65W 80V 3MHz 6A (TO-220)
BUL45	NPN 120W 700V Lamp Ballast Transistor	TIP42C	PNP 65W 100V 3MHz 6A (TO-220)
MJ2955	PNP 115W 60V 2.5MHz 15A (TO-3)	TIP47	NPN 40W 250V 10MHz 1A (TO-220) (Non-Isolated)
MJ10008	NPN 175W 450V 20A Darlington (TO-204)	TIP48	NPN 40W 300V 10MHz 1A (TO-220)
MJ10012	NPN 175W 400V 10A Darlington (TO-204)	TIP49	NPN 40W 350V 10MHz 1A (TO-220)
MJ10015	NPN 250W 400V 50A Darlington (TO-3)	TIP50	NPN 40W 400V 10MHz 1A (TO-220) (Non-Isolated)
MJ10023	NPN 250W 400V 40A Darlington (TO-3)	TIP102	NPN 80W 100V 8A Darlington (TO-220)
MJ11032	NPN 300W 120V 50A Darlington (TO-3)	TIP107	PNP 80W 100V 8A Darlington (TO-220)
MJ11033	PNP 300W 120V 50A Darlington (TO-3)	TIP112	NPN 50W 100V 1MHz 2A Darlington (TO-220)
MJ12005	NPN 100W 1500V 8A Horizontal Deflection (TO-3)	TIP117	PNP 50W 100V 1MHz 2A Darlington (TO-220)
MJ12010	NPN 100W 950V 6A Horizontal Deflection (TO-3)	TIP120	NPN 65W 60V 5A Darlington (TO-220)
MJ14002	NPN 300W 80V 60A (TO-3)	TIP121	NPN 65W 80V 5A Darlington (TO-220)
MJ14003	PNP 300W 80V 60A (TO-3)	TIP122	NPN 65W 100V 5A Darlington (TO-220)
MJ15003	NPN 250W 140V 2MHz 20A (TO-3)	TIP125	PNP 65W 60V 5A Darlington (TO-220)
MJ15004	PNP 250W 140V 2MHz 20A (TO-3)	TIP126	PNP 65W 80V 5A Darlington (TO-220)
MJ15015	NPN 180W 120V 6MHz 15A (TO-204)	TIP127	PNP 65W 100V 5A Darlington (TO-220)
MJ15016	PNP 180W 120V 6MHz 15A (TO-204)	TIP142	NPN 125W 100V 10A Darlington (TO-218)
		TIP147	PNP 125W 100V 10A Darlington (TO-218)

MATCHED PAIR (DUAL AMPLIFIER)

2N3811	PNP Dual Amplifier 0.5W 60V 100MHz 0.05A (Case 610A-04)
MD8002	NPN Dual Amplifier 0.575W 50V 260 MHz 30mA (Case 654-07)

QUAD TRANSISTOR

MPQ6502	Quad Complementary-Pair 0.65W 30V
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RF TRANSISTORS/MODULES

2N3375	NPN 11.6W 40V 1.5A 400MHz (TO-60)
2N3563	NPN 0.3W 12V 600MHz 8mA (TO-106)
2N3866	NPN 1W 30V 500MHz 0.4A (TO-39)
2N3948	NPN 1W 20V 700MHz 0.4A (TO-39)
2N4072	NPN 0.3W 20V 300MHz 0.1A (TO-18)
2N5016	NPN 30W 30V 400MHz 4.5A (TO-60)
2N5090	NPN 5W 30V 500MHz 0.4A (TO-60)
BFR91	NPN 0.4W 12V 5GHz 0.04A (Case 317A-01)
MHW1343	Low Distortion Wideband Amplifier Module (Case 714B-03)
MPS3563	NPN 0.6W 15V 600MHz 8mA (TO-92)
MPS6507	NPN 0.2W 20V 700MHz 0.1A (TO-92)
MPS6568A	NPN 0.3W 20V 375MHz 4mA (TO-92)
MRF208	NPN 10W 18V 220MHz 2A (Case 145A)
MRF245	NPN 80W 18V 175MHz Controlled "Q" (Case 316-01)
MRF247	NPN 75W 18V 175MHz 20A Controlled "Q" (Case 316-01)
MRF323	NPN 20W 33V 400MHz 3A (Case 244-04)
MRF326	NPN 40W 33V 450MHz 4.5A (Case 316-01)
MRF421	NPN 100W 20V 30MHz 20A (Case 211)
MRF454	NPN 80W 25V 30MHz 20A (Case 145A)
MRF517	NPN 2.5W 20V 30MHz (Case 79-04/1)
MRF587	NPN 5W 17V 5.5GHz 0.2A (Case 244A-01)
MRF604	NPN 2.5W 20V 800MHz (TO-46)
MRF901	NPN 0.375W 15V 4.5GHz 0.03A (Case 317-01)
MRF904	NPN 0.2W 35V 4GHz 0.03A (TO-72)
MRF905	NPN 0.4W 20V 2.5GHz 150mA (TO-46)
MRF911	NPN 0.4W 20V 5GHz 0.04A (Case 317-01)
MRF1946	NPN 30W 36V 174MHz 8A (Case 211-07)
NR431E	NPN 0.6W 15V 600MHz 0.3A (TO-92)
NR461E	NPN 0.6W 15V 300MHz 0.3A (TO-92)
PN918	NPN 0.3W 15V 600MHz 3mA (TO-92)

FIELD EFFECT TRANSISTORS**GENERAL PURPOSE**

2N4117	N-Channel Ultra Low Input Current JFET 0.3W 50mA (TO-72) (PN4117)
2N5458	N-Channel General Purpose JFET 0.3W 25V 10mA (TO-92)
2N5461	P-Channel JFET 7.5V 2mA (TO-92)
2N5486	N-Channel JFET 0.3W 25V 30mA (TO-92)
J202	N-Channel General Purpose JFET 0.31W 40V 0.05A (TO-92)
MPF102	N-Channel VHF JFET 0.2W 25V 10mA (TO-92)

TMOS POWER

IRF123	N-Channel 60V 4 Ω 1.1A (FET DIP)
IRF530	N-Channel 75W 100V .18 Ω 14A (TO-220)
IRF640	N-Channel 125W 200V 0.18 Ω 18A (TO-220AB)
IRF740	N-Channel 125W 400V 0.55 Ω 10A (TO-220AB)
IRF830	N-Channel 75W 500V 1.5 Ω 4.5A (TO-220)
IRF840	N-Channel 125W 500V 0.85 Ω 8A (TO-220AB)
IRF9530	P-Channel 75W 100V 0.3 Ω 12A (TO-220)
IRFP460	N-Channel 280W 500V 0.27 Ω 20A (TO-247AC)
IRFZ30	N-Channel 75W 50V 0.05 Ω 30A (TO-220AB)
MTM50N05E	N-Channel 125W 50V 0.028 Ω 50A (TO-220)
MTP40N06	N-Channel 125W 60V 0.04 Ω 40A (TO-220AB)
MTP50N05E	N-Channel 125W 50V 0.028 Ω 50A (TO-220)
MTP50N06E	N-Channel 125W 60V 0.025 Ω 50A (TO-220)

THYRISTORS**SCRs**

2N5061	0.8A 60V (Plastic TO-92)
2N5062	0.8A 100V (Plastic TO-92)
2N5063	0.8A 150V (Plastic TO-92)

2N5064	0.8A 200V (Plastic TO-92)
EC103C	0.8A 300V (Plastic TO-92)
EC103D	0.8A 400V (Plastic TO-92)
MCR225-10F	25A 800V (TO-220AB)
MCR265-010	55A 800V (TO-220AB)
S2003LS3	3A 200V (Thermotab TO-220AB Isolated)
S2003MS3	3A 200V (Metal Can TO-5)
S4003LS3	3A 400V (Thermotab TO-220AB Isolated)
S6003L	3A 600V (Thermotab TO-220AB Isolated)
T106A1	4A 100V (Plastic TO-202AB Non-Isolated)
T106B1	4A 200V (Plastic TO-202AB Non-Isolated)
T106C1	4A 300V (Plastic TO-202AB Non-Isolated)
T106D1	4A 400V (Plastic TO-202AB Non-Isolated)
T106F1	4A 50V (Plastic TO-202AB Non-Isolated)
T106M1	4A 600V (Plastic TO-202AB Non-Isolated)
S1006LS3	6A 100V (Thermotab TO-220AB Isolated)
S2006LS3	6A 200V (Thermotab TO-220AB Isolated)
S4006LS3	6A 400V (Thermotab TO-220AB Isolated)
S6006L	6A 600V (Thermotab TO-220AB Isolated)
S1008LS3	8A 100V (Thermotab TO-220AB Isolated)
S2008LS3	8A 200V (Thermotab TO-220AB Isolated)
S4008LS3	8A 400V (Thermotab TO-220AB Isolated)
S6008L	8A 600V (Thermotab TO-220AB Isolated)
S1010L	10A 100V (Thermotab TO-220AB Isolated)
S2010L	10A 200V (Thermotab TO-220AB Isolated)
S4010L	10A 400V (Thermotab TO-220AB Isolated)
S6010L	10A 600V (Thermotab TO-220AB Isolated)
S1015L	15A 100V (Thermotab TO-220AB Isolated)
S2015L	15A 200V (Thermotab TO-220AB Isolated)
S4015L	15A 400V (Thermotab TO-220AB Isolated)
S6015L	15A 600V (Thermotab TO-220AB Isolated)
S1020L	20A 100V (Thermotab TO-220AB Isolated)
S2020L	20A 200V (Thermotab TO-220AB Isolated)
S4020L	20A 400V (Thermotab TO-220AB Isolated)
S6020L	20A 600V (Thermotab TO-220AB Isolated)
S1025L	25A 100V (Thermotab TO-220AB Isolated)
S2025L	25A 200V (Thermotab TO-220AB Isolated)
S4025L	25A 400V (Thermotab TO-220AB Isolated)
S6025L	25A 600V (Thermotab TO-220AB Isolated)
S1035J	35A 100V (TO-218 Isolated)
S2035J	35A 200V (TO-218 Isolated)
S4035J	35A 400V (TO-218 Isolated)
S6035J	35A 600V (TO-218 Isolated)
S1065J	65A 100V (TO-218 Isolated)
S2050J	50A 200V (TO-219 Isolated)
S2065J	65A 200V (TO-218 Isolated)
S4065J	65A 400V (TO-218 Isolated)
S6065J	65A 600V (TO-218 Isolated)
S1065P	65A 100V (Plastic FAST PAK)
S2065P	65A 200V (Plastic FAST PAK)
S4050J	50A 400V (TO-218 Isolated)

TRIAC

MAC224-8	40A 600V (TO-220AB)
Q401E3	1A 400V (Plastic TO-92)
Q4003M4	3A 400V (Metal Can TO-5)
Q4004L4	4A 400V (Thermotab TO-220AB Isolated)
Q6004L4	4A 600V (Thermotab TO-220AB Isolated)
Q8004L5	4A 800V (Thermotab TO-220AB Isolated)
Q4006L4	6A 400V (Thermotab TO-220AB Isolated)
Q6006L4	6A 600V (Thermotab TO-220AB Isolated)
Q4008L4	8A 400V (Thermotab TO-220AB Isolated)
Q6008L4	8A 600V (Thermotab TO-220AB Isolated)
Q4010L4	10A 400V (Thermotab TO-220AB Isolated)
Q2015L5	15A 200V (Thermotab TO-220AB Isolated)
Q6010L5	10A 600V (Thermotab TO-220AB Isolated)
Q8010L5	10A 800V (Thermotab TO-220AB Isolated)
Q4015L5	15A 400V (Thermotab TO-220AB Isolated)
Q6015L5	15A 600V (Thermotab TO-220AB Isolated)
Q6025P	25A 600V (Plastic FAST PAK)
Q6035P5	35V 600V (Plastic FAST PAK)

LOGIC TRIAC

BT131-600	1A 600V (Plastic TO-92)
L4001M5	1.6A 400V (Metal Can TO-5)
L4004F51	4A 400V (TO-202AB Non-Isolated)
L4008L7	8A 400V (TO-220 THERMOTAB Isolated)

QUADAC

Q4004LT	4A 400V (Thermotab TO-220AB Isolated)
Q4006LT	6A 400V (Thermotab TO-220AB Isolated)
Q4008LT	8A 400V (Thermotab TO-220AB Isolated)
Q4010LT	10A 400V (Thermotab TO-220AB Isolated)
Q4015LT	15A 400V (Thermotab TO-220AB Isolated)
Q6015LT	15A 600V (Thermotab TO-220AB Isolated)

DIAC

GT-32(HT-32)	32V Typical Switching Voltage (TECCOR)
GT-35(HT-35)	35V Typical Switching Voltage (TECCOR)
GT-40(HT-40)	40V Typical Switching Voltage (TECCOR)
GT-60(HT-60)	60V Typical Switching Voltage (TECCOR)

UNIUNCTION TRANSISTOR

2N2646	300mW 35V 50mA UJT (TO-18)
2N4870	300mW 4kΩ UJT

PROGRAMMABLE UNIUNCTION TRANSISTOR

2N6027	N-Type PUT 300mW 375mW 40V (TO-92)
2N6028	N-Type PUT 300mW 375mW 40V (TO-92)

DIODES & RECTIFIERS**SIGNAL DIODES**

1N60	Ge Signal Diode (DO-41 glass)
1N4148	Si Switching Signal Diode (DO-35 glass)

RECTIFIERS

1N4001	1A 50V (DO-41 plastic)
1N4002	1A 100V (DO-41 plastic)
1N4003	1A 200V (DO-41 plastic)
1N4004	1A 400V (DO-41 plastic)
1N4005	1A 600V (DO-41 plastic)
1N4006	1A 800V (DO-41 plastic)
1N4007	1A 1000V (DO-41 plastic)
1N4935	Si 200V 1A Rectifier
1N5393	1.5A 200V (DO-15 plastic)
1N5396	Si 500V Rectifier
1N5400	3A 50V (DO-27 plastic)
1N5401	3A 100V (DO-27 plastic)
1N5402	3A 200V (DO-27 plastic)
1N5403	3A 300V (DO-27 plastic)
1N5404	3A 400V (DO-27 plastic)
1N5405	3A 500V (DO-27 plastic)
1N5406	3A 600V (DO-27 plastic)
1N5407	3A 800V (DO-27 plastic)
1N5408	3A 1000V (DO-27 plastic)
1N5391	1.5A 50V (DO-27)
1N5392	1.5A 100V (DO-27)
1N5393	1.5A 200V (DO-27)
1N5395	1.5A 400V (DO-27)
D2015L	15A 200V (Thermotab TO-220AB isolated)
D2020L	20A 200V (Thermotab TO-220AB isolated)
D2035J	35A 200V (TO-218 isolated)
D2050J	50A 200V (TO-218 isolated)
D4015L	15A 400V (Thermotab TO-220AB isolated)
D4020L	20A 400V (Thermotab TO-220AB isolated)
D4050J	50A 400V (TO-218 isolated)
D6015L	15A 600V (Thermotab TO-220AB isolated)
D6020L	20A 600V (Thermotab TO-220AB isolated)
D6025L	25A 600V (Thermotab TO-220AB isolated)
D6035J	35A 600V (TO-218 isolated)
MR751	6A 100V Lead Mount (Case 194-05)
MR756	6A 600V Lead Mount (Case 194-05)
MUR3020PT	30A 200V (TO-218)

FAST RECOVERY DIODES

1N4937	1A 600V Fast Recovery Diode (DO-41 Glass)
MR851	3A 100V Fast Recovery Diode (Case 267-01 Plastic)
MR821	5A 100V Fast Recovery Diode (Case 194 Plastic)
MR826	Fast Recovery Diode (Case 194 Plastic)

SCHOTTKY RECTIFIERS

SR506	60V 5A (DO-201AD Plastic)
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HOT CARRIER DIODE

MBD101	VHF/UHF Mixer Detector Diode
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BRIDGE RECTIFIERS

KBPC101	3A 100V Bridge Rectifier Diode
KBPC601	6A 100V Bridge Rectifier Diode
KBPC3504	400V 40A Bridge Rectifier (Metal Electrically Isolated)
KBPC3506	600V 40A Bridge Rectifier (Metal Electrically Isolated)
W04M	1A 250V Bridge Rectifier (TO-5 Plastic)

VARACTORS

MV104	Dual Voltage Variable Capacitance Diode 37-42 pF (range cap.)
MV1650	Voltage Variable Capacitance Diode, Nominal Cap. 100 pF
MV2107	Voltage Variable Capacitance Diode, Nominal Cap. 22 pF
MVAM108	Voltage Variable Capacitance Diode, Nominal Cap. 440 pF

RF DIODES

FV1043	FM AFC Varicap
MPN3404	Si PIN Switching Diode

ZENER DIODES**0.5W (DO-35)**

1N5223B	2.7V	1N5236B	7.5V	1N5248B	18V
1N5225B	3.0V	1N5237B	8.2V	1N5249B	19V
1N5226B	3.3V	1N5238B	8.7V	1N5250B	20V
1N5227B	3.6V	1N5239B	9.1V	1N5251B	22V
1N5228B	3.9V	1N5240B	10V	1N5252B	24V
1N5229B	4.3V	1N5241B	11V	1N5253B	25V
1N5230B	4.7V	1N5242B	12V	1N5254B	27V
1N5231B	5.1V	1N5243B	13V	1N5256B	30V
1N5232B	5.6V	1N5244B	14V	1N5257B	33V
1N5233B	6.0V	1N5245B	15V	1N5258B	36V
1N5234B	6.2V	1N5246B	16V	1N5262B	51V
1N5235B	6.8V	1N5247B	17V	1N5273B	120V

1W (DO-41)

1N4728A	3.3V	1N4741A	11V	1N4753A	36V
1N4729A	3.6V	1N4742A	12V	1N4754A	39V
1N4730A	3.9V	1N4743A	13V	1N4755A	43V
1N4731A	4.3V	1N4744A	15V	1N4756A	47V
1N4732A	4.7V	1N4745A	16V	1N4757A	51V
1N4733A	5.1V	1N4746A	18V	1N4758A	56V
1N4734A	5.6V	1N4747A	20V	1N4759A	62V
1N4735A	6.2V	1N4748A	22V	1N4760A	68V
1N4736A	6.8V	1N4749A	24V	1N4761A	75V
1N4737A	7.5V	1N4750A	27V	1N4762A	82V
1N4738A	8.2V	1N4751A	30V	1N4763A	91V
1N4739A	9.1V	1N4752A	33V	1N4764A	100V
1N4740A	10V				

5W (DO-27A)

1N5333B	3.3V	1N5344B	8.2V	1N5361B	27V
1N5338B	5.1V	1N5346B	9.1V	1N5365B	36V
1N5339B	5.6V	1N5349B	12V	1N5368B	47V
1N5341B	6.2V	1N5352B	15V	1N5384B	160V
1N5342B	6.8V	1N5355B	18V	1N5388B	200V
1N5343B	7.5V	1N5359B	24V		

PHOTO DISCRETES

IE0575HLG	Infrared-Emitting Diode (100mA)
PD87BR1	Infrared-Emitting Pin Photo Diode Receiver 150mW
PIC1018SMB	Infrared-Emitting Receiver Module 3.0V
PIC3088SBG	Infrared-Emitting Receiver Module 3.0V
RS-05FS	Photo Reflective Sensor 75mm
WPT440F	Photo Transistor 100mV

PHOTOCELL (LDR)

5mm Diameter

LED LAMPS**Blue LEDs:**

Super Bright Water Clear 5mm 10mA
Jumbo 8 mm

Green LEDs:

Hi-Blinking Water Clear 5mm 9V
Hi-Bright Diffused 5mm 20mA

Jumbo 8 mm
Jumbo 5 mm
Medium 3 mm
Rectangular LED
Super Bright Transparent 5mm 20mA
Super Bright Water Clear 5mm 20mA

Orange LEDs:

Diffused 5mm 10mA
Jumbo 8 mm

Red LEDs:

Hi-Blinking Water Clear 5mm 9V
Hi-Bright Diffused 5mm 20mA

Jumbo 8 mm
Jumbo 5 mm
Medium 3 mm
Midget
Rectangular
Super Bright Transparent 5mm 20mA
Super Bright Water Clear 5mm 20mA
Transparent Jumbo 5 mm

White LEDs:

Jumbo 8 mm
Super Bright 3mm
Super Bright 5mm
Transparent Jumbo 5mm

Jumbo 5 mm LED Socket

LED Indicator Lamp

LED Pen

LED Light Stick

Super Bright Medium White LED

Transparent Super Bright Jumbo 5mm

LED SEVEN SEGMENT DISPLAY

0.7" 4-Digit Common-Anode Clock Display

1.2" 5 x 7 LED Matrix

2" 5 x 7 LED Matrix

ELD3051	Dual Common-Cathode
ELD3061	Dual Common-Cathode
ELD5111	Dual Common-Cathode
ELD5121	Dual Common-Anode
ELS401	Single Common-Cathode
ELS402	Single Common-Anode
ELS411	Common-Cathode
ELS422	Common-Anode
ELS5111	Single Common-Cathode
ELS5121	Single Common-Anode
TOM1057	Dot matrix small
TOM2057	Dot matrix Big
TOM2058BKG	Dot matrix Big
TOM2058FEG	Dot matrix Big
TOS50101AK-B	5" Common-Cathode
TOS50101BK-B	5" Common-Anode
TOS40101AK-B	4" Common-Cathode
TOS40101BK-B	4" Common-Anode
TOS70101AS	7" Common-Anode
TOS70101BS	7" Common-Anode

TRANSIENT SUPPRESSOR

MPTE-5	5 V Supply
MPTE-12	12 V Supply

QUARTZ CRYSTALS

32.768kHz		11.059 MHz	
1.0000 MHz	HC-33u	8.000 MHz	HC-18u
2.0000 MHz	HC-33u	10.000 MHz	HC-18u
3.5638 MHz	HC-18u	14.31818 MHz	HC-18u
3.5795 MHz	HC-18u	17.413 MHz	HC-18u
4.000 MHz	HC-18u	17.743 MHz	HC-18u
4.433 MHz	HC-18u	17.73447MHz	HC-18u
6.000 MHz	HC-18u	27.095 MHz	HC-18u

ELECTRO MECHANICAL RELAYS

SPDT	10A 12 V
SPST	1A 6V
SPST	1A 12V
SPST	1A 24V
SPST	10A 6V
SPST	10A 12V
SPST	10A 24V
SPDT	5A 6VDC (Mini-PCB Type)
SPDT	5A 12VDC (Mini-PCB Type)
SPDT	5A 24VDC (Mini-PCB Type)
SPST	16A 48V
DPDT	20A 24V (Screw Mount Type)
DPDT	5A 6VDC (Standard-PCB Type)
DPDT	5A 12VDC (Standard-PCB Type)
DPDT	5A 24VDC (Standard-PCB Type)
DPDT	5A 220V & 6A 6V
DPDT	3A 110VAC (Standard-PCB Type)
DPDT	3A 220VAC (Standard-PCB Type)
DPDT	10A 12VDC (Slug Type)

REED RELAYS

RR105	500 Ohms 5V SPST	RR205	500 Ohms 5V DPST
RR109	700 Ohms 9V SPST	RR209	700 Ohms 9V DPST
RR112	1050 Ohms 12V SPST	RR212	1050 Ohms 12V DPST

TRANSDUCERS

	HALL EFFECT
UGN-3120U	25V 20mA Hall Effect Switch

	ULTRASONIC
MA40LIS	40 KHz Ultrasonic Transmitter
MA40LIR	40 KHz Ultrasonic Receiver

	CERAMIC
CT27	27 mm Ceramic Transducer

THERMISTORS

TDC05A	015L (15Ω)	110L (100Ω)	130L (300Ω)
	045L (45Ω)	120L (200Ω)	135L (350Ω)
	090L (90Ω)	125L (250Ω)	
TDC05C	150L (500Ω)	250L (5n)	240L (40n)
	210L (1n)	310L (10n)	421 (210n)
	215L (1.5n)	315L (15n)	422 (220n)
	220L (2n)	320L (20n)	425 (250n)
	230L (3n)	225L (25n)	431 (310n)
	235L (3.5n)		
TDC05D	350L (50n)	415L (150n)	440L (400n)
	410L (100n)	433L (330n)	447L (470n)

INDUCTORS (CHOKE COIL)

Resistor Type					
10 μH	33 μH	1.5mH	4.7mH	30mH	56mH
18μH	1mH	2.7mH	12mH	39mH	
27μH	18 mH	3.9mH	27mH	47mH	

Capacitor Type

22 μH

RESISTORS**CARBON FILM RESISTORS STANDARD VALUES****WATTAGE: 1/8W, 1/4W****TOLERANCE: 5%****CARBON FILM AND METALLIZED FILM RESISTORS****WATTAGE: 1/2W, 1W****TOLERANCE: 5%**

0.5Ω	27Ω	150Ω	820Ω	4.7KΩ	27KΩ
1Ω	33Ω	180Ω	1KΩ	5.6KΩ	120KΩ
3.9Ω	39Ω	220Ω	1.2KΩ	6.8KΩ	470KΩ
4.7Ω	47Ω	270Ω	1.5KΩ	8.2KΩ	2.2MΩ
6.8Ω	56Ω	330Ω	1.8KΩ	10KΩ	10MΩ
10Ω	68Ω	390Ω	2.2KΩ	12KΩ	
15Ω	82Ω	470Ω	2.7KΩ	15KΩ	
18Ω	100Ω	560Ω	3.3KΩ	18KΩ	
22Ω	120Ω	680Ω	3.9KΩ	22KΩ	

METALLIZED FILM RESISTORS**WATTAGE: 2W, 5W****TOLERANCE: 5%**

2W	5W			
1Ω	0.1Ω	0.33Ω	1Ω	10Ω
150Ω	0.15Ω	0.39Ω	2Ω	15Ω
200Ω	0.18Ω	0.47Ω	3Ω	50Ω
1KΩ	0.22Ω	0.5Ω	4.7Ω	

PRECISION RESISTORS**WATTAGE: 1/4W****TOLERANCE: 1%**

10Ω	180Ω	3.65KΩ	619KΩ
11Ω	200Ω	3.9KΩ	68KΩ
12.1Ω	220Ω	3KΩ	75KΩ
13Ω	240Ω	4.32KΩ	82KΩ
15Ω	270Ω	4.7KΩ	90.9KΩ
16.2Ω	300Ω	5.1KΩ	100KΩ
18Ω	330Ω	5.6KΩ	110KΩ
20Ω	365Ω	6.19KΩ	121KΩ
22Ω	390Ω	6.2KΩ	130KΩ
24Ω	432Ω	6.8KΩ	150KΩ
27Ω	470Ω	7.5KΩ	162KΩ
30Ω	510Ω	8.2KΩ	180KΩ
33Ω	560Ω	9.09KΩ	200KΩ
36.5Ω	619Ω	10KΩ	220KΩ
39Ω	680Ω	12.1KΩ	240KΩ
43.2Ω	680Ω	13KΩ	270KΩ
47Ω	750Ω	15KΩ	300KΩ
51Ω	750Ω	18KΩ	330KΩ
56Ω	820Ω	20KΩ	365KΩ
61.9Ω	820Ω	24KΩ	390KΩ
68Ω	909Ω	27KΩ	432KΩ
75Ω	909Ω	30KΩ	470KΩ
82Ω	1KΩ	33KΩ	510KΩ
90.9Ω	1.1KΩ	36.5KΩ	560KΩ
100Ω	1.8KΩ	39KΩ	1MΩ
110Ω	2KΩ	43.2KΩ	1.21MΩ
121Ω	2.2KΩ	47KΩ	1.3MΩ
130Ω	2.4KΩ	51KΩ	1.5MΩ
150Ω	2.7KΩ	56KΩ	1.62MΩ
162Ω	3.3KΩ	61.9KΩ	1.8MΩ
			2MΩ

HORIZONTAL TRIMMER RESISTOR

H5KΩ	H10KΩ	H20KΩ	H50KΩ	H100KΩ
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VERTICAL TRIMMER RESISTOR

V500Ω	V2KΩ	V10KΩ	V30KΩ	V50KΩ	V200KΩ
V500KΩ	V1KΩ	V3KΩ	V25KΩ	V47KΩ	V100KΩ
V470KΩ	V1MΩ				

SMD RESISTORS

10Ω	15Ω	33Ω	47Ω	51Ω	100Ω
120Ω	150Ω	270Ω	330Ω	560Ω	680Ω
820Ω	1.2KΩ	1.5KΩ	2.2KΩ	2.7KΩ	3.3KΩ
4.7KΩ	7.5KΩ	8.2KΩ	10KΩ	12KΩ	15KΩ
18KΩ	22KΩ	27KΩ	33KΩ	39KΩ	43KΩ
47KΩ	51KΩ	56KΩ	68KΩ	82KΩ	91KΩ
100KΩ	120KΩ	150KΩ	180KΩ	220KΩ	270KΩ
330KΩ	430KΩ	470KΩ	560KΩ	680KΩ	820KΩ
1M					

BOURNS TRIMPOTS**3006 3/4" Long Multiturn Cermet Potentiometer (15T) 1.25W, 10% Tol.**

3006P	10Ω	500Ω	20KΩ	250KΩ
	20Ω	1KΩ	25KΩ	500KΩ
	50Ω	2KΩ	50KΩ	1MΩ
	100Ω	5KΩ	100KΩ	2MΩ
	200Ω	10KΩ	200KΩ	

3296 3/8" Square Multiturn Cermet Potentiometer (25T) 0.5W, 10% Tol.**3296P (Side Adjust)**

	10Ω	500Ω	20KΩ	250KΩ
	20Ω	1KΩ	25KΩ	500KΩ
	50Ω	2KΩ	50KΩ	1MΩ
	100Ω	5KΩ	100KΩ	2MΩ
	200Ω	10KΩ	200KΩ	5MΩ

3296Y (Top Adjust)

	100Ω	200Ω	500Ω	1KΩ
	2KΩ	5KΩ	10KΩ	20KΩ
	25KΩ	50KΩ	100KΩ	200KΩ
	250KΩ	500KΩ	1MΩ	

3306 6mm Round Single-Turn/Cermet/Open Frame Trimmer Resistor**3306P (Top Adjust)**

	100Ω	200Ω	500Ω	1KΩ
	2KΩ	5KΩ	10KΩ	20KΩ
	25KΩ	50KΩ	100KΩ	250KΩ
	500KΩ	1MΩ		

3309 9mm Round Single-Turn/Cermet/Open Frame Trimmer Resistor**3309P (Top Adjust)**

	500Ω	5KΩ	10KΩ
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3309W (Side Adjust)

	500Ω	1KΩ	2KΩ
	5KΩ	10KΩ	50KΩ
	100KΩ	500KΩ	1MΩ

3362P (Top Adjust)

	50Ω	100Ω	200Ω	500Ω
	1KΩ	2KΩ	5KΩ	10KΩ
	20KΩ	25KΩ	50KΩ	100KΩ
	200KΩ	250KΩ	500KΩ	1M

3590 7/8" Dia., 10-Turn Precision Potentiometer Wirewound Element**3590S**

	100Ω	1KΩ	2KΩ	5KΩ
	10KΩ	20KΩ	50KΩ	100KΩ

BOURNS RESISTOR NETWORK**4609X Series****9-Pin SIP Resistor Network**

	47Ω	100Ω	150Ω	180Ω
	220Ω	270Ω	390Ω	470Ω
	620Ω	820Ω	1.2KΩ	1.8KΩ
	2KΩ	3KΩ	3.9KΩ	5.6KΩ
	8.2KΩ	18KΩ	20KΩ	27KΩ
	39KΩ	47KΩ	56KΩ	82KΩ
	120KΩ	150KΩ	180KΩ	220KΩ
	240KΩ	330KΩ	470KΩ	1MΩ

4610X Series**10-Pin SIP Resistor Network**

	100Ω	1KΩ	10KΩ
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OTHERS**Turns-Counting Dials**

H506 7/8" Diameter/0-15 Turns

Adjustment Tools

H-90 Adjustment Tool

H-91 Adjustment Tool

POTENTIOMETERS

Without Switch			
MINI			
5K	20K DUAL	50K PCB MOUNT	1M
10K DUAL	20K	100K	
10K	25K	100K DUAL	
	50K	500K	
STANDARD			
1K	10K	100K DUAL PCB	250K
5K	20K	MOUNT	500K
10K	50K DUAL	100K	500KDUAL
10K DUAL	50K	100KDUAL	
LONG			
1K	5K	10K	22K
With Switch			
MINI	STANDARD	LONG	
5K	5K	3K	
10K	10K	5K	
50K	50KDUAL	10K	
VARIABLE	SLIDE	WITH CENTERTOP	
5K (FLAT)	10K(MINI)	100K (STANDARD)	
10K	20K	100K DUAL	
50K (FLAT)	50K DUAL (STANDARD)		
100K	100K DUAL		
100K (STANDARD)	100K		

CAPACITORS**ELECTROLYTIC**

6.3 VOLTS				
47 μ F	4700 μ F	1000 μ F		
10 VOLTS				
1 μ F	5 μ F	30 μ F	100 μ F	470 μ F
2.2 μ F	10 μ F	33 μ F	200 μ F	1000 μ F
4.7 μ F	22 μ F	47 μ F	220 μ F	4700 μ F
16 VOLTS				
0.47 μ F	1 μ F	47 μ F	300 μ F	2200 μ F
0.5 μ F	5 μ F	50 μ F	330 μ F	3300 μ F
2.2 μ F	10 μ F	100 μ F	470 μ F	4700 μ F
3.3 μ F	22 μ F	200 μ F	680 μ F	6800 μ F
4.7 μ F	33 μ F	220 μ F	1000 μ F	
25 VOLTS				
0.47 μ F	4.7 μ F	47 μ F	470 μ F	4700 μ F
1 μ F	10 μ F	100 μ F	1000 μ F	10000 μ F
2.2 μ F	22 μ F	220 μ F	2200 μ F	
3.3 μ F	33 μ F	330 μ F	3300 μ F	
35 VOLTS				
4.7 μ F	33 μ F	330 μ F	1000 μ F	3000 μ F
10 μ F	220 μ F	470 μ F	2200 μ F	3300 μ F
				4700 μ F
50 VOLTS				
2.2 μ F	22 μ F	22 μ F	220 μ F	3300 μ F
0.47 μ F	3.3 μ F	33 μ F	330 μ F	4700 μ F
.22 μ F	4 μ F	47 μ F	470 μ F	6800 μ F
.47 μ F	4.7 μ F	50 μ F	1000 μ F	
1 μ F	10 μ F	100 μ F	2200 μ F	
63 VOLTS				
4.7 μ F	100 μ F	2200 μ F		
100 VOLTS		200 VOLTS	400 VOLTS	
330 μ F	10 μ F	100 μ F	220 μ F	
MINI				
6.3V	10V	16V	47 μ F	50V
47 μ F	47 μ F	10 μ F	100 μ F	.47 μ F
100 μ F	220 μ F	22 μ F	470 μ F	1 μ F
		33 μ F	35V	2.2 μ F
			4.7 μ F	3.3 μ F

NON-POLARIZED ELECTROLYTIC CAPACITOR**50 VOLTS**4 μ F**MONOLITHIC CAPACITORS**

.1 Mono

.01 Mono

18pF

MYLAR CAPACITORS**50 VOLTS**

0.001 μ F	0.0039 μ F	0.01 μ F	0.033 μ F	0.068 μ F
0.0015 μ F	0.0047 μ F	0.015 μ F	0.039 μ F	0.1 μ F
0.002 μ F	0.005 μ F	0.02 μ F	0.047 μ F	0.22 μ F
0.0022 μ F	0.0068 μ F	0.022 μ F	0.05 μ F	0.33 μ F
0.0027 μ F	0.0082 μ F	0.027 μ F	0.056 μ F	0.47 μ F
0.0033 μ F				

100 VOLTS**250 VOLTS**47 μ F**630 VOLTS**

0.047 μ F	0.015 μ F		0.001 μ F	0.1 μ F
0.056 μ F	0.047 μ F		0.005 μ F	0.22 μ F
0.068 μ F	0.1 μ F	600 VOLTS	0.047 μ F	0.47 μ F
0.15 μ F	0.33 μ F	0.068 μ F	0.06 μ F	

CERAMIC CAPACITORS

1 pF	22 pF	70 pF	390 pF	0.01 μ F
2 pF	24 pF	75 pF	470 pF	0.02 μ F
3 pF	25 pF	100 pF	500 pF	0.022 μ F
4 pF	27 pF	120 pF	560 pF	0.039 μ F
5 pF	30 pF	130 pF	680 pF	0.04 μ F
6 pF	33 pF	140 pF	0.001 μ F	0.05 μ F
7 pF	35 pF	150 pF	0.0015 μ F	0.047 μ F
8 pF	39 pF	180 pF	0.002 μ F	0.1 μ F
10 pF	40 pF	200 pF	0.0022 μ F	0.22 μ F
13 pF	47 pF	220 pF	0.003 μ F	
15 pF	50 pF	270 pF	0.0033 μ F	
18 pF	56 pF	300 pF	0.0047 μ F	
20 pF	68 pF	330 pF	0.005 μ F	

NON-POLARIZED CAPACITORS (NPO)

2 pF	10 pF	18 pF	30 pF	56 pF
4 pF	12 pF	20 pF	33 pF	68 pF
5 pF	15 pF	22 pF	47 pF	70 pF

**METALLIZED POLYESTER FILM CAPACITORS
(10% TOLERANCE)**

0.01 μ F	0.068 μ F	0.33 μ F	0.047 μ F
0.015 μ F	0.82 μ F	0.68 μ F	

**POLYESTER FILM CAPACITORS
(10% TOLERANCE)**

0.001 μ F	0.01 μ F	0.033 μ F	0.068 μ F
0.0033 μ F	0.015 μ F	0.039 μ F	0.082 μ F
0.0047 μ F	0.02 μ F	0.04 μ F	0.1 μ F
0.0056 μ F	0.022 μ F	0.047 μ F	0.2 μ F
0.0068 μ F	0.027 μ F	0.05 μ F	0.27 μ F
0.0082 μ F			

**TANTALUM CAPACITORS
(10% TOLERANCE)**

0.022 μ F/100V	0.47 μ F/35V	2.2 μ F/25V	6.8 μ F/25V
0.1 μ F/35V	0.68 μ F/35V	3.3 μ F/25V	10 μ F/16V
0.15 μ F/35V	1.0 μ F/35V	3.3 μ F/35V	10 μ F/25V
0.22 μ F/16V	1.5 μ F/25V	4.7 μ F/10V	10 μ F/35V
0.22 μ F/35V	1.5 μ F/35V	4.7 μ F/16V	22 μ F/6.3V
0.33 μ F/35V	2.2 μ F/10V	4.7 μ F/25V	22 μ F/16V
0.47 μ F/25V	2.2 μ F/16V	4.7 μ F/35V	47 μ F/16V

**POLYESTERINE CAPACITORS
(10% TOLERANCE)**

.015 pF				
150 pF	270 pF	300 pF	800 pF	1000 pF

TRIMMER CAPACITORS

6 pF	20 pF	30 pF	40 pF	50 pF	60 pF
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SMD CAPACITORS

22pF	470pF	1.5nF	22nF	.001 µF
100pF	560pF	10nF	68nF	.1 µF
150pF	1nF	15nF	100nF	.01 µF

C & K SWITCHES**DIP Switches****(BD Series)**

2-position	4-position	10-position
6-position	8-position	

Toggle Switches**(7000 Series)**

7101S	ON-OFF
7103S	ON-OFF-ON
71058	NOM-OFF-NOM
7105JZ	NOM-OFF-NOM
7203S	ON-OFF-ON
7207	ON-OFF-NOM

Others:

1M31	ON-NONE-ON
1MD1	ON-NONE-ON
1MS1	ON-NONE-ON
1MD3	ON-OFF-ON
1MS3	ON-OFF-ON

Rocker Switch

Rocker Switch w/Light

Thumbwheel/Mini-Push Type Switch

3/4" Mini-push Wheel Switch	End-plate for 3/4" Model
1/2" Mini-push Wheel Switch	End-plate for 1/2" Model

Push-button Key Switches**(KS Series)**

KS11	Momentary Push On (White, Red, Orange, Green, Blue)
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COMPONENT SOCKETS**General Purpose DIL Sockets**

6-pin	16-pin	22-pin	40-pin
8-pin	18-pin	24-pin	64-pin
14-pin	20-pin	28-pin	

PLCC Sockets

28-pin	44-pin	68-pin
32-pin	52-pin	72-pin

Hi-Reliability IC Sockets

6-pin	14-pin	18-pin	24-pin
8-pin	16-pin	20-pin	28-pin
			40-pin

WIRE WRAP SOCKETS

6-pin	8-pin	14-pin	16-pin	18-pin	20-pin	24-pin	28-pin	40-pin
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TEST SOCKETS (DIL)

14-pin	18-pin	24-pin	40-pin	16-pin	22-pin	28-pin
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TEST SOCKETS TO-5 SOCKET**TEXT TOOL SOCKET****TRANSISTOR**

3-lead	8-lead	10-lead	32-pin 3M	T0-92
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OTHERS**SBQ-36S-100**

36-pin Single Row Strip Socket

SD5173N

3-pin TO-5 Mount Sockets

SD5178N

8-pin TO-5 Mount Sockets

SY-303

IC Puller Yellow

SY-304

PLCC Puller

IC Pullers

PLCC Puller

INTERCONNECT DEVICES AND FLAT CABLE**IDD-C9P-TG**

9-pin D-Sub Plug Connector w/ Strain Relief

IDD-C9S-TG

9-pin D-Sub Socket Connector w/ Strain Relief

IDD-C15P-TG

15-pin D-Sub Plug Connector w/ Strain Relief

IDD-C15S-TG

15-pin D-Sub Socket Connector w/ Strain Relief

IDD-C25P-TG

25-pin D-Sub Plug Connector w/ Strain Relief

IDD-C25S-TG

25-pin D-Sub Socket Connector w/ Strain Relief

IDD-C37P-TG

37-pin D-Sub Plug Connector w/ Strain Relief

IDD-C37S-TG

37-pin D-Sub Socket Connector w/ Strain Relief

IDE-C50-H-T

50-pin Card Edge Connector Thru-Hole Mounting Flanges

IDH-10LP-S3-TG

10-pin Low Profile Header Straight Solder

IDH-20PK-SR3-T

20-pin 4-Sided Header Right Angle Solder

IDH-40LP-S3-T

40-pin Low Profile Header Straight Solder

IDP-C14-T

14-pin Cable Plug w/ Strain Relief

IDP-C16-T

16-pin Cable Plug w/ Strain Relief

IDP-C24-T

24-pin Cable Plug w/ Strain Relief

IDP-C40-T

40-pin Cable Plug w/ Strain Relief

IDS-C20PK-SR-T

20-pin Socket Connector with Strain Relief

IDS-C40PK-T

40-pin Socket Connector without Strain Relief

OTHERS

2-pin Male/Female Connector

3-pin Male/Female Connector

4-pin Male/Female Connector

4-pin Male/Female Connector Round

5-pin Male Connector

6-pin Male/Female Connector

7-pin Male/Female Connector

7-pin Male/Female Connector Round

8-pin Male/Female Connector

9-pin Male/Female Connector

10-pin Male/Female Connector

25-pin Male Header Connector

25-pin Female Header Connector

Male to Male Gender Changer

Female to Female Gender Changer

Female Header 4 X 2

Female Header 40 X 2

Female Header 11 X 2 Straight

Female Header 40 X 1 Straight

Female Header 8 X 2 for Ribbon Cable

Female Header 10 X 2 for Ribbon Cable

1-pin Male Header Connector

Male Header 8x2 Connector

Male Header 10x2 Connector

Male Header 25x2

RS232 9C Cable

RS232 25C Cable

RS232 25P 90degrees Male/Female Cable

RS232 Male/Female Connectors

FLAT CABLES

09-Cable	16-Cable	26-Cable	36-Cable	50-Cable
10-Cable	20-Cable	30-Cable	37-Cable	60-Cable
14-Cable	25-Cable	34-Cable	40-Cable	

BEL FUSE**TYPE 3AG Normal/Fast Blow Glass Tube Fuse**

Part Number	Ampere Rating	Voltage Rating
3AG500	0.5	250
3AG750	0.75	250
3AG1	1	250
3AG1.5	1.5	250
3AG2	1.1/2	250
3AG2.5	2	250
3AG3	3	250
3AG5	5	250
3AG10	10	250

TYPE 3SB Slow Blow Glass Tube Fuse

Part Number	Ampere Rating	Voltage Rating
3SB500	1/2	250
3SB750	3/4	250
3SB1	1	250
3SB2	2	250
3SB2.5	2-1/2	250
3SB3	3	250
3SB4	4	250
3SB5	5	250

TYPE 5TT Slow Blow Glass Tube Fuse

Part Number	Ampere Rating	Voltage Rating
5TT500	1/2	250
5TT750	3/4	250
5TT1	1	250
5TT2	2	250
5TT3	3	250
5TT5	5	250

TYPE 5SF Quick Acting Glass Tube Fuse

Part Number	Ampere Rating	Voltage Rating
5SF500	0.55	250
5SF1	1	250
5SF2	2	250
5SF3.15	3.15	250
5SF5	5	250

TYPE 5ST Time Lag Glass Tube Fuse

Part Number	Ampere Rating	Voltage Rating
5ST500	0.55	250
5ST1	1	250
5ST2	2	250
5ST3.15	3.15	250
5ST5	5	250

MISCELLANEOUS**ALLIGATOR CLIPS**

Pair, 5 Sets, 10 Sets

COLORS: Black, Blue, Green, Red, White, Yellow

BATTERIES AND ACCESSORIES

1.2V AAA NIMH Rechargeable Battery

1.5V AA Battery (Eveready Battery)

1.5V AAA Battery (Eveready Battery)

9V Battery

Battery Cell (GP-SYLVA-CELL A76)

Battery Clip (9V)

Battery Holder

Battery Terminals

CABLE TIE

Y-J-100 100mm

Y-J-142 142mm

Y-J-162 162mm

CORDS

AC Outlet

Computer Cord

Dial Cord

Flat Cord

TA-33 ALEXAN Extension Cord (3 meters)

Telephone Wire Line Cord

WA-5 Universal Adapter

WA-6 Universal Adapter

WE-2R4 Extension Cord

WE-4A +105 Extension Cord

WE-4A +106 Extension Cord

WE-4AH05 Extension Cord

WE-4AH06 Extension Cord

WE-9R4 Extension Cord

WONPRO Extension 5-Cord

ePLUS

(see ads on page 35)

ePLUS - DT

Touch screen with fully digitized tablet panel

ePLUS - WT

Humanized communication platform more just a system.

**ePLUS - web
extra pen**

Digital tablet pen

HEATSINK

DF-3B (TO-3) Double Sided 3"

DF-4B (TO-3) Double Sided 4"

MA-1W (TO-220)

MA-103-25 Double Sided

MA-113A-30 Double Sided

MB-207-25 Double Sided

MB-210K Double Sided

MD-2B (TO-220)

MD-4B (TO-220)

MD-6B (TO-220)

MC-234 Heatsink

ME-702-3

ME-702 X 4 Double Sided

ME-731-40 Double Sided

MI-301-40 Double Sided

MI-307-30+P Heatsink

MK-508-3 Double Sided

MK-508-4 Double Sided

MS-3B (TO-220)

MS-7B (TO-220)

MT-8B Snap type (TO-220)

MT-9B (TO-3)

SF-3B (TO-3) Single Slide 3"

SF-4B (TO-3) Single Slide 4"

JACKS AND PLUGS

Baby Phone Jack
 Baby Plug
 Banana Plug
 BNC Jack
 Duplex Jack (PA5-4)
 Modular Jack-8 pins (RJ45)
 PCB Jack-8P8C
 Panel Mount Jack (PMJ)
 Phone Jack
 Plastic Phone Jack
 Plug to Jack Phone Line Extension
 RCA Jack
 RCA Plug
 UL Adapter Plug
 VDE Adapter Plug

PLASTIC HOUSING

(see ads on page 44)

MATRIX BOARD/EXPERIMENTER'S PCB/BREADBOARD

8051 Multipurpose Protoboard (using Atmel 2051/4051 IC)
PB501 Solderless experimenter's board
PC201 Experimenter's matrix PCB
PC401 Experimenter's matrix PCB
Z86P1 Multipurpose Protoboard (using Z86 IC)

PANEL METER

AC-300V	DC-1A
DC-100MA	DC-1MA
DC-100UA	DC-30V
DC-10A	DC-3A
DC-10MA	
DC-15V	

PRINTED CIRCUIT BOARD's

Single Side:	Double Side:
4 x 4	4 x 4
4 x 6	4 x 6
4 x 12	4 x 12
6 x 12	6 x 12
12 x 12	12 x 12

PRESENSITIZED PCBS

GD (Glass-Epoxy Double Sided)			
4 X 6	6 X 10	12 X 12	12 X 18
PP (Paper Phenolic)			
4 X 6	6 X 10	12 X 12	12 X 18

SPEAKERS

8Ohms .25W (5.8cm dia., Alnico)
 8Ohms .50W (5.8cm dia., Alnico)
 8Ohms 1W (9.2cm. dia., Alnico)

TEST PINS

CSP-5B CCP
 CSP-5H CCP
 CSP-5K CCP
 P-25M3-1 CCP
 R-25W4C-S CCP

TRANSFORMER

EE19	5-6518T (0-6V 200MA)
0-14V 4A	6948 (0-9V 500MA)
0-28V 1.5A	6949 (0-6V 500MA)
0-9V 750mA	6950 (6-0-6V 500MA)
10V-0-10V 750mA	6951 (9-0-9V 1A)
12V-0-12V 200mA	6952 (6V-0-6V 750MA)
12V-0-12V 250mA	
12V-0-12V 750mA	
12V-0-12V 1A	
12V-0-12V 2.5A	
12V-0-12V 150W	
14V-0-14V 1.5A	
24V-0-24V 3A	
28V-0-28V 3.5A	

WIRES

Solid Wire No.22
 Solid Wire No. 24
 Speaker Wire No.18 AWG
 Stranded Wire No.22
 Wire Wrap Wire No.30

USB Flash Disk

(see ads on page 34)

64 Megabytes (Secure Disk)	128 Megabytes w/Cable
128 Megabytes (Secure Disk)	256 Megabytes Lexar

OTHERS

AC to DC Adapters
 Alexan Organizer, Attache E4
 Aluminum Bar (various sizes)
 Bolts And Nuts
 Coaxial Cable RG59 (in foot or in roll)
 Drill Bits (various sizes)
 Duplex Jack (PA5-4)
 EchoMAX Alexan Karaoke Mic Adapter
 EM-80 Condenser Microphone
 Ferric Chloride (solid)

Fuses:

500mA 250V	3A 250V
1A 250V	4A 250V
2A 250V	5A 250V

Grain Moisture Meter:

Alexan Shega Moisture Meter
 Grain Loader for Grain Moisture Meter w/Box
 HTC-OIK Heat Transfer Compound (1kg)
 HTC010 Heat Transfer Compound (10ml)
 Magnifying Lamp (Ballast, Switch)
 MD3000 Mini Hand Drill
 Mica Insulator (for TO-220 & TO-3)
 Mini Etching Tank w/ heater & pump
 Mosquito Repellant M-900
 Motor:

6V Motor
 Motor Holder
 Pulley Rubber

PCB Developing Compound
 PCB Edge Connector (Different Contact, Number)
 PCB-Mounted Push Button Switch (Different Colors)

Pest Repellant Model: TM-306, TM315 & TM933
 Plug to Jack Phone line Extension
 Power Transformer (We also accept made-to-order specifications)
 SCP003 Silver Conductive Paint (3g)
 Screws (various sizes)

Shrinkable Tubes (various sizes)
 Slide Switches (Different Specifications)
 Sonalert Buzzer:

VIC-2400
 VIC-2402
 VIC-4201

TBS020 Thermal Bonding (20ml)
 Telephone Dialer Push Button Switches Set (0-9,*,# total 12 pcs.)
 Telephone Jack PA17

Terminal Block
 Trimmer and Tuning Capacitors
 Trimpot
 TV Game Oscillator Coils
 TV Modulator
 UV Exposure Box
 Variac: 1kV, 2kV, 3kV, 5kV

ALEXAN SCREW DRIVERS

6155	Electronic Screwdriver Set (5pcs. hex nut screws)
6165	Electronic Screwdriver Set (5pcs. star screws)
6167	Electronic Screwdriver Set (6pcs. 3 philips, 3 flats)
JS-01	Jewellers Screw Driver 6pcs. (3 philips, 3 flats)
PS-06	Precision Screw Driver Set (2 philips, 4 flats)
PT-06	Alexan 10pcs. Screw Driver

ASA SCREW DRIVERS

ASA 2000	1000rpm, 1.0-3.0mm Precision Screw Driver
ASA 4000	1000rpm, 2-3.5mm Precision Screw Driver
ASA 4500	1000rpm, 2-3mm Precision Screw Driver
ASA 7000	670rpm, 3-4mm Precision Screw Driver
ASA 8000	670rpm, 3-4mm Precision Screw Driver

HI-LO/ATMEL PROGRAMMERS/ERASERS

ALL-11A	Universal Programmer - Works with IBM PC through USB or parallel port to perform a high-speed data transmission and accurate programming waves. - Embedded with a 1Mbit memory to support the programming capacity for most E(E)PROM, MCU/MPU and PLD
ALL-100	Universal & Gang Programmer - Works with IBM PC through USB 1.1/2.0 to perform a high-speed data transmission and accurate programming waves. - Embedded with a 4Mbit memory to support the programming capacity for most E(E)PROM, MCU/MPU and PLD
AT-701	EPROM Eraser - Electronic timer adjustable from 10 to 60 minutes. - Two layer design fully utilizes both top and bottom areas of the UV tube: Top layer capacity: Up to 8 pieces of 32 pin DIP EPROMs. Bottom layer capacity: Up to 9 pieces of 40 pin DIP EPROMs
ATMEL AVR ISP	In-System Programmer for Atmel's AVR Flash Microcontrollers. The AVR ISP gives the designer a compact and reliable programming tool to program all In-System Programmable AVR microcontrollers through a 6- or 10-pin ISP connector. - Interface with AVR Studio - ISP Programming of all In-System Programmable AVR Devices - Programs both Flash and EEPROM - Supports Fuse and Lock Bit Programming - Supports RC Oscillator Calibration - Adjustable Speed. Supports all Target Boards Running at a Speed Higher than 8 kHz - RS-232 Interface

HANDTOOLS

75M	75° Angle Shearcutter (1.2mm or 16AWG)
75S	Ungar Heavy Duty Shear Cutter
170D	Ungar Anti Static Cutter
170M	General Purpose Shearcutter (1.2mm or 16AWG)
170S	Super Shearcutter (1.2mm or 16AWG)
378M	Serrated Jaw Long Nose Plier
378SMM	Smooth-Jaw Long Nose Plier
1178M	Rugged Shearcutter (2mm or 12AWG)
1178S	Super Rugged Shearcutter (2mm or 12 AWG)
YYT-11	Tab Connector Crimping Tool

CRIMPING TOOLS

YTT-02	Crimping Tool and Wire Stripper
YYT-6	Tie Gun
YY-78-318	Cable Cutter and Stripper
YY-78-323	Ring Pliers (6")
YY-78-321	Ring Pliers (8")

MISCELLANEOUS

Alexan Mini Long Nose	
Alexan Mini Cutter	
6970E	220V Heavy Duty Heatgun
K30 LWCA200	Lead Wire Cutter
SM1573-12	Spot Mask 8 oz.
YYR-525	PVC Pipe Cutter

ALEXAN SOLDERING TOOLS & ACCESSORIES

Desoldering Tools	
MT-3N1	Multipurpose Tool (see ads on page 34)
MT-3N1 Tip	
RD7324	Soldering Lead w/ Tube
Solder Resist	
Soldering Lead 60/40 1.2mm	
Soldering Lead 60/40 1.0mm	
Soldering Lead 0.6 mm	
Soldering Lead Metal Alpha	
Soldering Iron / Tip / Filament	
Soldering Lead 2K6 60/40 Alpha	
Solder Lead Stand ST-92	
Super Solder Lead (1Kg.)	
Tip 30W, 40W, & 60W Long Life	

TEST PROBES

60 MHz Oscilloscope Probe	
100MHz Oscilloscope Probe	
100MHz Oscilloscope Probe (HP-9-100)	
AC360 Probe	
HVP-40A Analog HV Probe	
HVP-40DM HV Probe	
High Voltage Probe (Analog Meter)	
High Voltage Probe (Digital Meter)	
High Voltage Probe 40 K	
Temperature Probe (TP-DOS-50C-150C)	

TES TEST INSTRUMENTS

TES1300/1302	Digital Type K Thermometers
TES1330	Lux Meter
TES1350A	Digital Sound Meter
TES1550	Automotive Meter

TEKTRONIX OSCILLOSCOPE

TDS-2012	2 Channel 100 MHz Digital Storage Oscilloscope IGS/s maximum sample rate, Dual Time Base, 11 Automatic Measurements, Autoset Menu with Waveform Selection, Waveform and Setup Memories, Probe check wizard to ensure correct probe usage, Color LCD display
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