

INTEGRATED CIRCUIT REPLACEMENT GUIDE

P / N	Description	Manufacturer, P/N	Obs	Substitute	Notes
13300100	IC AMPLIFIER WIDE BAND	RCA Ca3012			
13300200	IC AMP/FM DET/AF AMP DRV	RCA ca3042, Philips Ecg710			
13300300	IC DIFF/CASC AMP	RCA Ca3028b		13300600	1, 2
13300400	IC DUAL OP AMP	MOTOROLA Mc1303			
13300500	IC DIFF/CASC AMP	RCA Ca3053			
13300600	IC DIFF/CASC AMP	LM371		13300300	1, 2
13300700	IC DUAL OP AMP	Mc1347p		13304100	
13300800	IC F-F DUAL TYPE-D	Mc7479p			
13300900	IC FM IF AMP	La-1221			
13302500	IC F-F DUAL TYPE-D	MC10131L			
13302800	IC OPERATIONAL AMPLIFIER	mc4558cp1 Sig Ne4558n	X	13325900	
13302900	IC FM-IF SYSTEM	Ca3089e			
13303000	IC REGULATOR 5V 1A	Nsc Lm309k MLM309k			
13303100	IC RF/IF AMP	Ua703c			
13303400	IC FM GAIN BLOCK	Ua753c			
13303600	IC FM/IF AMP	MOTOROLA MC1355p Nte750			
13303700	IC OP AMP	Mlm301ap1, Lm301an	X	13306800	
13304000	IC XSTR ARRAY QUAD PNP/NPN	Motorola Mpq6100a Dwg 133040			
13304100	IC DUAL OP AMP	Mc1347p SELECTED	X	13300700	
13304300	IC OP AMP DUAL FET	Lf356h	X	13313100	
13304400	IC VOLTAGE REGULATOR -18V	Nsc Lm320t-18, Mot/samsung Mc7918ct	X	13358600	
13304500	IC VOLTAGE REGULATOR 18V	NS LM340t-18, Sgs L7818c-v			
13305100	IC QUAD JFET SWITCH	IH5009			
13305200	IC QUAD JFET SWITCH	AH5015			
13305300	IC F-F DUAL TYPE-D	Motorola Mc14013bcl			
13305400	IC OP AMP	Ca3140s			
13305500	IC NOISE GENERATOR	Mm5837n			
13305600	IC MPX-PLL DEMODULATOR	Tca4500a			
13305800	IC 4 BIT BINARY COUNTER	74ls197n			
13305900	IC NAND 2 INPUT X 4	74ls00n			

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13306000	IC DECADE COUNTER	74ls196n		
13306100	IC RECEIVER 3 LINE	Mc10116n		
13306200	IC F-F JK DUAL	74ls113an		
13306300	IC QUAD 2 INPUT NAND GATE	Mc14011bp		
13306400	IC NOR 2 INPUT X 4	Motorola Mc14001b		
13306500	IC OP AMP QUAD	Rc4156db		
13306600	IC OP AMP SIG NE5534N	Phillips Ne5534n	X	13356500
13306700	IC OPERATIONAL AMP LOW NOISE	Jrc Njm5534d On-semi Ne5534an	X	13356500
13306800	IC OP AMP	Lm201an		
13306900	IC LED DRIVER	Uln2031a		
13307000	IC DUAL POWER AMP	Lm379s		
13307100	IC POWER OP AMP	Ua759u1c		
13307200	IC QUAD 2 INPUT NAND GATE	74ls20n		
13307300	IC OR 2 INPUT X 4	Mc14071b		
13307400	IC OR 4 INPUT X 2	Mc14072b		
13307500	IC NOR R-S LATCH X 4	Harris/ti Cd4043be		
13307600	IC AND 2 INPUT X 4	Motorola Mc14081b		
13307700	IC OR 3 INPUT X 3	Mc14075b		
13307800	IC DUAL MONO MULTIVIB	Mc14528b		
13307900	IC 7-SEG DEC/LAT/DRIV	Fairchild 9368dc		
13308000	IC 12-SEG BAR DRIVER	Uaa180		
13308100	IC CAP TOUCH KEY	Tms1976nl		
13308200	IC BCD TO DECM DEC	Mc14028cp/b		
13308300	IC AND/OR SEL-4BIT	Mc14519b		
13308400	IC DECADE COUNTER	Mc14017b		
13308500	IC JK F-F X 2	Mc14027cp/b		
13308600	IC REGULATOR +15 VOLT	Motorola Mc7815ct Clarion 051-1832-0a	X	13358700
13308700	IC VOLTAGE REGULATOR -15V	Mc7915ct	X	13356600
13308800	IC VOLTAGE REGULATOR -5.2V	On Semiconductor Mc7905.2ct	X	13356700
13308900	IC BARGRAPH DRIVER	Lm3914n		
13309000	IC BCD TO 7 SG DEC/DRV	Sn74ls47		
13309100	IC BCP 4 BT DN COUNT-BIN	Mc14526BCP		
13309200	IC QUAD COMPARATOR	Lm339n (motorola/signetics)		
13309300	IC REGULATOR +5 VOLT	Motorola Mc78l05acp On Semi Mc78l05acp	X	13356800

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13309400	IC DUAL OPERATIONAL AMPLIFIER	On Semi Ne5532an	X	13357800
13310000	IC FM-IF	Ha12412		
13310100	IC MPX DECODER	Ha12016		
13310200	IC MIXER	Siemens S042p		
13310300	IC AM/FM TUNER CONTROL	Lc7207		
13310400	IC CONTROLLER	La5700		
13310500	IC DUAL OP AMP	Mc3458p1		
13310600	IC COUNTER	Lc7250		
13310700	IC DIVIDE 100 PRESCALER	Ds8629n		
13310800	IC REGULATOR +5V	Nsc Lm340t / Sgs L7805cv, On Semi Mc7805ct	X	13356900
13310900	IC MONO/AST MULTIVIB	Mc4047b		
13311000	IC LIMIT/DET	La1235		
13311100	IC AM TUNER	La1245		
13311200	IC LED DEC/DRIV	Ne587n		
13311300	IC ENCODER	74148n		
13311400	IC AUDIO PROCESSOR	(signetics) tda3810		
13311500	IC QUAD OP AMP	TI074cn		
13311600	IC DUAL TIMER	Signetics Ne556		
13311700	IC QUAD ANALOG SW	Fairchild Cd4066bcn On Semi Cd4066bcn	X	13357000
13311800	IC LEVEL METER DRIVER	Sanyo Lb1411		
13311900	IC REGULATOR +12 VOLT	National Semi Lm7812ct, On Semi Mc7812ct	X	13357100
13312100	IC TIMER	Lm8365d		
13312200	IC SW 2P 4POS	Lc7817		
13312300	IC IR RECEIVER	Tc9134p		
13312400	IC HEX INVERTER	Hef4069ub		
13312500	IC NOR 3 INPUT X 3	Hef4025bp		
13312600	IC MONO MULTIVIB	Hef4538BP		
13312700	IC STROB HEX INVERTER	Hef4502bp		
13312800	IC HEX INV DRIV	N7406n		
13312900	IC RF MIXER	La1170		
13313000	IC NAND R-S LATCH X 4	Mot Mc14044b		
13313100	IC OPERATIONAL AMP	Mc34081p Op Amp		
13313200	IC VOLUME CONTROL	Tc9153p		
13313300	IC RC RCV	Tc9150P		

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13313400	IC NAND 2 INPUT X 4	Hef4093bpn		
13313500	IC D-REGS 3-STATE X 4	Hef4076bpn		
13313600	IC QDRPL EXC OR 2 INPUT	Signetics Hef4070BPN		
13313700	IC 6 CH XSTR ARRAY	Lb1760		
13313800	IC REGULATOR -12V	On Semi Mc7912ct	X	13357200
13313900	IC QUAD OP AMP	Mc34084p		
13314000	IC +24V REG	Mc78m24ct		
13314100	IC TIMER	St Micro Ne555n, National Semi Lm555cn	X	13360900
13314200	IC 4 CHANNEL CYCLIC SWITCH	Toshiba Tc9130P		
13314300	IC 6 CHANNEL SWITCH	tc9135P		
13314500	IC AM TUNER	Motorola Mc13041p, Sprague ULN3841		
13314600	IC -8V REGULATOR	Ta79L008p		
13314700	IC +8V VOLTAGE REGULATOR	Mc78L08acp	X	13357300
13314900	IC XMTR Remote Control	Saa1250		
13315000	IC XMTR Remote Control	Upd6121g-001		
13315100	IC HX LV SHFT T-C C-C	Mc14504bcp		
13315200	IC 4C 3.5D AD CONVERTER	Telecom Tc7107cpl Intersil lcl7107cpl		
13315300	IC REGULATOR -15V	On Semi Mc79m15ct, NSC Lm79m15ct	X	13358800
13315400	IC REGULATOR 15V	On Mc78m15ct, Nsc Lm78m15ct, Sgs L78m15cv	X	13358900
13315500	IC REGULATOR -12V	On-semi Mc79m12ct, Jrc Njm79m12a	X	13357400
13315600	IC REGULATOR 12V	Jrc Njm78m12a, On Mc78m12ct, Sgs L78m12cv	X	13359000
13315700	IC OCT 3-ST NI BF/LD/LR	Mc74hc541	X	13364700
13315800	IC DIGITAL TUNING SYSTEM	Tc9147ap		
13315900	IC VOLTAGE PRESCALER	Toshiba Td6104p		
13316000	IC OCT 3-ST INV BF/LD/LR	74hc540n		
13316100	IC NAND 2 INPUT X 4	On Semi MC74HC00n, NSC MC74HC00n	X	13357500
13316200	IC DISPLAY PRESCALER	Toshiba Td6301ap		
13316400	IC XMTR	Tc9132p		
13316500	IC +8V REG	Mc78m08		
13316600	IC -8V REG	Mc7908ct		
13316700	IC 2 INPUT X 4	Motorola Mc74hc32an Nxp 74hc32n,652	X	13359100
13316800	IC AND 2 INPUT X 4	74hc08		
13316900	IC DAR XSTR ARRAY X 8	Mot/sgs Uln2801a		
13317000	IC 3-8 LINE DEC LATCH	Mot mc74hc237n Sgs M74hc237b1r		

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13317100	IC 4BT BIN U/D COUNTER	IT 74hc193n		
13317300	IC HEX UNBUF INVERTER	On-semi Mc74hcu04an Nxp 74hcu04n	X	13357600
13317400	IC 7 CH XSTR ARRAY	Sanyo Lb1215		
13317500	IC AND 2 INPUT X 4	Mot Mc74hc08an On-semi Mc74hc08an	X	13357700
13317600	IC NOR 2 INPUT X 4	Mot/sig Mc74hc02an Texas Inst Sn74hc02n	X	13359200
13317700	IC MICROCONTROLLER	Philips p87c51sbpn "programed"		
13317900	IC NAND 3 INPUT X 3	74hc10n		
13318000	IC 8 LN DRIVER ARRAY	Sanyo Lb1720		
13318100	IC 7 LN DRIVER ARRAY	Mc1413p		
13318200	IC MONOSTB MULTIVIB X 2	Sgs M74hc4538b1 On Mc74hc4538an		
13318300	IC DUAL 2BT TRANSP LATCH	74hc75n		
13318400	IC 10F16 DC/DMLT AD LTH	Sgs M74hc4514b1		
13318500	IC AND 3 INPUT X 3	On Mc74hc11n, Nxp 74hc11n,652		
13318600	IC SHFT REG SER-PAR	Motorola Mc74hc595an	X	13359400
13318700	IC VOLUME CONTROL	AD PM7628fp	X	13358300
13318800	IC RC XMTR	NEC upd6122g001		
13318900	IC OPERATIONAL AMPLIFIER	Motorola Mc33178p	X	13362600
13319000	IC DUAL TYPE D F-F	On Semi 74hc74an		
13319100	IC DC MOTOR DRIVER	Sanyo #lb1642b Dc Sanyo Lb1642b-e	X	13361800
13319200	IC NAND SCHMIT 2-IN X 4	On Mc74hc132an, ST Micro M74hc132b1	X	13359500
13319300	IC HEX INVERTER	On Mc74hc04n, St Micro M74hc04b1r		
13319400	IC ANALOG MULTI/DEMULTI	3sp Dp + Com Off 74hc4053		
13319700	IC PWM CONTROLLER	Tex.inst. TI598cn		
13320000	IC 8 BIT S/P-INP-S-OUT	Shift Register Mc74hc165n		
13320100	IC JK FFX2 + RESET	74hc73		
13320200	IC DOLBY PRO-LOGIC DCDR	Ssm-2125		
13320300	IC DOLBY PRO-DELAY + B	Noise Red Lv1000n		
13320400	IC QUAD 2 INPUT DATA SELECTOR	On Mc74hc257n, St Micro 74hc257b1r	X	13362300
13320500	IC 16 CHANNEL MULTIPLXR DEMULT	Motorola mc14067b		
13320600	IC BINARY UP/DOWN COUNTER	Motorola mc14516		
13320700	IC QUAD NAND SCHMITT	Motorola mc14093b Mc14093bcpg		
13320800	IC DRAM 256K MEMORY OBSOLETE	Sanyo Lm33256g-15		
13320900	IC QUAD AUDIO SWITCH	Analog Devices Ssm2404p	X	13358200
13321000	IC MICROCONTROLLER	Motorola Mc68hc705p9p		

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13321100	IC LED DISPLAY DRIVER	National MM5481n, Sgs m5481b7		
13321200	IC TIMER	Maxim lcm7556ipd Harris lcm7556ipd	X	13361200
13321300	IC MICROCONTROLLER	Motorola Mc68hc705j2p		
13321700	IC DSP CHIP	Analod Devices adsp-2105-kp55		
13321800	IC CODEC	Ad1849		
13321900	IC 8-INPUT SEL/MULTI	On MC74hc151n Fairchild Mm74hc151n		
13322000	IC NAND QUAD 2-INPUT	Mc74hc03n Fairchild J176		
13322100	IC 1/8 DEC/DEMULTI + ADDRESS	On Semi M74hc137n, Sgs M74hc137b1n		
13322200	IC OCT 3-STT NONINV LATCH	On74hc573n, SGS M74hc573b1r	X	13365400
13322300	IC RC AMP/DET	Mc3373p		
13322400	IC NONVOL CONTROLLER	Benchmark bq2201pn, Dallas Semi Ds1210		
13322500	IC MICROCONTROLLER 8-BIT	Nxp P80c32sbpn,112 / Intel P80c32-1		
13322600	IC EPROM	Microchip 27c64-12j Sgs M27c64-15f1 AMD Am27c64-150dc		
13322700		1 Sanyo Lc35256d-10 Sharp Lh52256c-70ll Cypress Cy62256ll X	X	13365900
13322800	IC DUAL 4-STG BIN RIP CT	74hc393n		
13322900	IC AM TUNER	Sanyo La1137n		
13323000	IC PLL FM MPX DEMODULATOR	Sanyo La3401		
13323100	IC FM FRONT END	Sanyo La1175	X	13361900
13323200	IC C SRAM 8 X 8	MCM6264cp35, Temic#hm3-65764h-5		
13323300	IC 16-BIT CODEC	Crystal Cs4215kl		
13323400	IC 8-BIT PRIORITY ENCODER	Motorola Mc14532b - Toshiba Tc4532bp		
13323500	IC PROGRAMMED 133226			
13323600	IC PROGRAMMED 133210			
13323700	IC PROGRAMMED 133213			
13323800	IC QUAD OPERATIONAL AMP	On Mc33179p	X	13359600
13323900	IC AUDIO AMP DRIVER	Sanyo Stk350-000		
13324000	IC MICRO RESET NEG	Mitsumi PST572e		
13324100	IC MICRO RESET POS	Mitsumi PST573e, Pst573e-2, Pst573d		
13324200	IC OPERATIONAL AMP	On Semi Mc33078p		
13324400	IC CMOS EPROM	Catalyst Cat24wc02pi, Atmel At24c02-10pi-2.7		
13324500	IC CMOS MICROCONTROLLER	Signetics S87c751-2n24		
13324600	IC PROGRAMMED 133245			
13324700	IC PROGRAMMED 133226			
13324800	IC DEC/DEMUL 2BIN TO 1OF4	Mc14555		

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13324900	IC CMOS EPROM	Catalyst Cat24wc04p, Atmel At24c04-10pc-2.7	X	13364600
13325000	IC REGULATOR 5V	Motorola Mc78m05ct	X	13359700
13325100	IC REGULATOR -5V	Motorola Mc7905ct		
13325200	IC 1-OF-4 DECODER X 2	Motorola #mc74hc139		
13325300	IC REGULATOR -5V	Motorola #mc79m05ct	X	13359800
13325400	IC QUAD ANALOG VIDEO SW	Analog Devices #sw06		
13325500	IC CMOS MICROCONTROLLER	Nxp P87c51sbpn,112		
13325600	IC PROGRAMMED 133255			
13325700	IC PROGRAMMED 13322600			
13325800	IC OCTAL DAR TRANS ARRAY	Motorola #uln2804a St Micro Uln2804a	X	13362900
13325900	IC DUAL AMP	Rohm Ba4558 TI Rc4558p Philips NE4558n		
13326000	IC DUAL OPERATIONAL AMP	Rohm BA15532 On Semi Ne5532an	X	13357800
13326100	IC PROGRAMMED 133226			
13326200	IC DSPLY DRIV LED 3-1/2 DIGIT	Mm5480n Sgs 5480b7		
13326400	IC PROGRAMMED 133226			
13326500	IC PROGRAMMED 133226			
13326600	IC MICROCONTROLLER 8-BIT	Sig S87c751-1n24		
13326700	IC PROGRAMMED 133266			
13326800	1C DISPLAY DRIVER 4 DIGIT LED	Sgs M5450b7 And Micrel Mm54508n Or Bn	X	13366400
13326900	IC REGULATOR -5V TO92 100MA	On Mc79L05acp TI Mc79L05aclp Sgs L79L05acz	X	133559
13327000	IC DIRECT PLL FREQ SYNTHESIZER	Sanyo Lm7001		
13327100	IC POWER AMPLIFIER	Nsc Lm3876t,f Amp		
13327200	IC TUNING CONTROL CUSTOM	Nxp P87c54sbpn,112		
13327300	IC POWER AMPLIFIER	Nsc Lm3886tf Amp		
13327400	IC MICROPROCESSOR	Motorola Mc68hc705c8		
13327500	IC DUAL OPERATIONAL AMP	Njrc Njm4560d		
13327600	IC CONVERTER A TO D	Philips Saa7366t		
13327700	IC CONVERTER A TO D	Philips Tda1305t		
13327800	IC DIGITAL SIGNAL PROCESSOR	Motorola Dsp5600a		
13327900	IC OPTOISOLATOR	Motorola 4n37		
13328000	IC	Analog Devices Ad7112bn		
13328100	IC 2-CH AUDIO ATTENUATOR	Nsc Lm1972n		
13328200	IC DUAL OPERATIONAL AMP	Jrc Njm4580		
13328300	IC I2C BUS EXTENDER	Signetics P82b715pn		

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13328400	IC QUAD OPERATIONAL AMP	Jrc Njm2060d		
13328500	IC QUAD SPST SWITCH	Analog Devices Adg431		
13328600	IC 100MA I FEEDBACK AMP	Intersil Ha5023ip		
13328700	IC 8 BIT MICROCONTROLLER	Intel P80c31bh		
13328800	IC PROGRAMMED 133272			
13328900	IC 100MA VIDEO OP AMP	Nsc Lm6181in		
13329000	IC PROGRAMMED 133304			
13329100	IC	Sgs 74hc27b1r Nxp 74hc27n,652		
13329200	IC MICRO-CONTROLLER 8-BIT	Signetics P87c748ebpn		
13329300	IC RING DETECTOR OBSOLETE	Texas Instruments Tcm1520a		
13329400	IC TRIGGER INVERTER	Mot#mc74hc14a		
13329500	IC PROGRAMMED 133245			
13329600	IC PROGRAMMED 133245			
13329800	IC PROGRAMMED 133292			
13329900	IC PROGRAMMED 133292			
13330000	IC QUAD SPST SWITCH	Analog Devices Adg432bn Maxim MAX352cpe	X	13358100
13330100	IC PROTECTOR ICPN15	Rohm Icpn15		
13330200	IC PROTECTOR ICPN38	Rohm Icpn 38		
13330300	IC PROTECTOR ICPN20	Rohm Icpn20		
13330400	IC EPROM 16K OTP	NSC Nm27c256n-200 Atmel At27c256r Sgs M27c256b-15b1X		13361400
13330500	IC LOW NOISE AUDIO OP AMP	Linear Tech Lt1115cn8		
13330600	IC NEG 24V REGULATOR	Mot Mc7924ct	X	13360000
13330700	IC BALANCED LINE DRIVER	Analog Devices Ssm2142p		
13330800	IC DIFFERENTIAL LINE RECEIVER	Analog Devices Ssm-2143p		
13330900	IC LOGDAC VOLUME CONTROL	Analog Device Ad7112cn		
13331000	IC BIFET OP AMP	Analog Devices Op275gp	X	13356000
13331100	IC PROGRAMMED 133292			
13331200	IC QUAD OPERATIONAL AMP	Jrc Njm4741d 500 Min.		
13331300	IC 8BIT DAC	Exar Mp7529bjn		
13331400	IC AUDIO CONTROLLER	Mitsubishi M51139fp		
13331500	IC VOLTAGE CONVERTER	Linear Technology Ltc1144i58		
13331600	IC SELECTED 133187			
13331700	IC PROGRAMMED 133292	Keypad Encoder		
13331800	IC TRANSMITTER	Nec Upd6121 G-001		

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13331900	IC WAVEFORM GENERATOR	Maxim/max038cpp		
13332000	IC:WITH TONE CONTROL	Texas Instruments - Sn761000dl		
13332100	IC 2 POLE 4 POS ANALOG SW	Motorola Mc74hc4052n		
13332200	IC PROGRAMMED 133292	Zone Control		
13332300	IC OP AMP LOW NOISE	Linear Technology Lt1007cn8		
13332400	IC DRIVER ARRAY	Sanyo Lb1745	X	13362000
13332500	IC DUAL JFET OPERATIONAL AMP	Jrc Njm2082d TI Tlc082cp		
13332600	IC MICROCONTROLLER 8 BIT 16MHZ	Intel P80c51ra-1		
13332700	IC PROGRAMMED 133292	Mcu		
13332800	IC PROGRAMMED 133304			
13332900	IC PROGRAMMED 133292			
13333000	IC V. F. DISPLAY CONTROLLER	Micrel Mic10951p-50, Rockwell R10951p-50		
13333100	IC STEREO VOLUME CONTROL	Crystal/cs3310-kp		
13333200	IC OP AMP SPECIAL	Philips Ne5534afe	X	13356500
13333300	IC VOLT REG VARIABLE POS	Motorola (sgs) Lm317t	X	13360100
13333400	IC VOLT REG VARIABLE NEG	Motorola Lm337t	X	13360200
13333500	IC DIGITAL INTERFACE RECEIVER	Crystal Cs8412-cp		
13333600	IC MICROCNTRLER 8 BIT 20 PIN	Nxp P87lpc762fn,112		
13333900	IC AMPLIFIER	Sgs Thompson Tda7295 Multiwatt 15 Pin		
13334000	IC VOLTAGE REG 9V 1.5A	Jrc Njm7809fa		
13334100	IC PROGRAMMED	Mcintosh		
13334200	IC QUAD ANALOG SWITCH	On Mc74hc4066n, NXP 74hc4066n, TI Cd74hc4066e		
13334300	IC MICRO UNPROGRAMMED	P87c52sbpn		
13334400	IC PROGRAMMED 133343			
13334500	IC PROGRAMMED 133292	Mvs3 Control		
13334600	IC INTERFACE RECEIVER DIGITAL	Crystal Cs8415a-cs		
13334700	IC VFD CONTROLLER	Micrel Mic10937p-40/50		
13334800	IC OCTAL D-TYPE FLIP-FLOP	Nxp 74hc273n, OnMc74hc273an, Ti Sn74hc273n	X	13360300
13334900	IC OCTAL BUFFER 3-STATE	Nxp 74hc244n,652, On Mc74hc244n		
13335000	IC PAGE MODE EEPROM	Silicon Storage Tech Sst29ee512-70-4c-ph	X	13361500
13335100	IC EE CMOS VERSATILE PAL	Lattice Gal22v10d-25qp		
13335200	IC PROGRAMMED 133351			
13335300	IC PROGRMD MICRO	AC3 V1.00		
13335400	IC DISPLAY ON-SCREEN	Philips Pca8515/009n Pca8515p/005		

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13335500	IC DIGITAL VIDEO ENCODER	Philips Saa7185wp		
13335700	IC DIGITAL AUDIO FILTER	Npe Sm5843ap		
13335800	IC DA CONVERTER 20-BIT	Burr-brown Pcm1702p-k		
13335900	IC VOLTAGE REG -9V 1.5A	Jrc Njm7909fa		
13336000	IC OCTAL DAR TRNS ARRY W/DIODE	On Uln2803a Allegro Uln2803a, Sgs Uln2803a	X	13362400
13336100	IC DUAL DIGITAL COUPLER	Burr-brown Iso150ap		
13336200	IC MEMORY 256K UNPROG	.icrochip 27c256-12/l		
13336300	IC PROGRAMMED 133266			
13336400	IC POWER SUPPLY CONTROLLER	Texas Inst TI594cn Motorola TI594cn	X	13360400
13336500	IC REG 5V 1.5A LOW DROP	St Micro L4940v5	X	13361000
13336600	IC 8 BIT A/D SERIAL OUTPUT	Texas Instruments Tlc549cp		
13336700	IC PROGRAMMED 133351			
13336800	IC PROGRAMMED 133351			
13336900	IC PROGRAMMED 133396	Mx132		
13337000	IC PROGRAMMED 133292			
13337100	IC VIDEO DRIVER TRIPLE	Rohm/ba7660fs		
13337200	IC QUAD AND GATE	Texas Instruments/sn74ahct08n		
13337300	IC VIDEO INPUT PROCESSOR	Philips Saa7111a		
13337400	IC PROGRAMED MEMORY	AC3 V1.07		
13337500	IC VOLTAGE CONVERTER	Linear Technology Lt1054cn8		
13337600	IC PROGRAMMED 133292			
13337700	IC PROGRAMMED 133292			
13337800	IC PROGRAMMED 133350	Mx132 Ic14		
13337900	IC PROGRAMMED 133266	Mx132 Ic16		
13338000	IC RS232 LINE DRIVER	AD Adm202ean, Maxim Max202epe	X	13356100
13338100	IC AM-FM MPX TUNER	Sanyo La1837	X	13362100
13338200	IC PROGRAMED MICRO			
13338300	IC PROGRAMMED 133362			
13338400	IC 12V REGULATOR	Motorola Mc78l12ac		
13338500	IC PROGRAMMED 133292	C100 Control		
13338600	IC MICRO ROMLESS	Philips P80c652fbpn Or Ebpn		
13338700	IC QUAD 2 INP EXC OR GATE	Mot Mc74hc86an		
13339000	IC PROGRAMMED 133292			
13339100	DIGITAL FILTER 24 BIT 96KHZ	Ti Df1704e		

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13339200	IC D/A CONVERTER 24 BIT	Ti Pcm1704u-j	X	13367000
13339300	IC REGULATOR 3.3V LOW DROP	Micrel/mic2940a-3.3bt	X	13363000
13339400	IC PROGRAMMED 133292			
13339500	IC PROGRAMMED 133292			
13339600	IC EE CMOS VERSATILE PAL	Lattice Gal22v10d-25qp		
13339700	IC PROGRAMMED 133362	Mx132 Dspy 1.0		
13339800	IC PROGRAMMED 133255			
13339900	IC PROGRAMMED 133350	Mx132 Ic14		
13340000	IC PROGRAMMED 133343	Msd4 V1.26		
13340100	IC PROGRAMMED 133362	Msd4 V6.13		
13340200	IC PROGRAMMED 133343	Mac-3 V66b		
13340300	IC PROGRAMMED 133292			
13340400	IC PROGRAMMED 133304			
13340500	IC SRAM NONVOLATILE 32KB	Simtek/stk11c88-w45/stk11c88-w35/Stk11c88-w25	X	13361300
13340600	IC CPLD 128 CELL UNPROGRAM	Cypress Cy37128p84-125jc	X	13366000
13340700	IC PROGRAMMED 133350	Mx132 Ic14		
13340800	IC PROGRAMMED MICRO V1.00			
13340900	IC MICRO 87C54 UNPROGRAM	Nxp P87c54sbpn,112		
13341000	IC AMPLIFIER	Sgs Thompson Tda 7396		
13341100	IC HEX BUFFER	Sgs-thompson/m74hct7007b1r		
13341200	IC DECODE HDCD 24BIT 192KHZ	Pacific Microsonics Inc./pmd200		
13341300	IC 96KHZ 24BIT D/A CONVERTER	Panasonic/pcm1734u		
13341400	IC PROGRAMMABLE TIMER	Motorola Mc 14541bcp	X	13360600
13341700	IC PROGRAMMED MICRO			
13341800	IC:STEREO VOLUME CNTL	Evov Rifa Mas9116asba		
13341900	IC QUAD OP AMP TLC074CN	Texas Instrument TLC074cn		
13342000	IC DUAL OP AMP	Texas Instruments TLC072 Cp		
13342100	IC PROGRAMMED 133292	Zone Control		
13342200	IC PROGRAMMED 133423	Rs232		
13342300	IC MICRO CONTROLLER	Phillips P89c51rc+in		
13342400	IC CPU SUPERVISOR	Xicor X4005s8	X	13363900
13342500	IC PROGRAMMED 133409	Mr85 V1.01		
13342600	IC SPST QUAD FET SWITCH N O	AD Adg452bn, Maxim Max4665cpe Max4665epe	X	133580
13342700	IC PROGRAMMED 133409	C200 Control		

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13342800	IC LINE RECEIVER QUAD	Texas Inst. Am26ls32acn		
13343000	IC PROGRAMMED VRSION OF 13329	Ma6500 V1.01		
13343100	IC REGULATOR 1.25A LOW DROP	Micrel Mic2941abt	X	13363100
13343200	IC OP AMP DUAL FET INPUT	Burr Brown Ti Opa2134pa		
13343300	IC PROGRAMMED 133336			
13343400	IC COMP VID INPT PROC SMD	Nxp Saa7118h/v1,557		
13343500	IC DIGITAL VIDEO ENCODER SMD	Nxp Saa7129h/v1,557		
13343700	IC PROGRAMMED 133350	Mx132 V1.10 Ic14		
13343800	IC PROGRAMMED			
13343900	IC PROGRAMMED MICRO	MSE1 V1.03		
13344100	IC D/A CONV 192KHZ 24BIT SMD	Ti Dsd1792db Dsd1792adb		
13344200	IC VFD DRIVER	Sanyo/lc75725ehs,lc75725e Ncnr	X	13362200
13344400	IC PROGRAMMED 133350	Programmed By Mcintosh		
13344500	IC DRIVER VFD 12CHARX16SEG DIP	Oki Msc7112-01ss		
13344600	IC DRVR VFD 12CHAR QFP SMD	Oki Msc7112-01gs-2k		
13344700	IC PROGRAMMED 133406			
13344800	IC PROGRAMMED 133406			
13344900	IC PROGRAMMED 133350	V1.12		
13345000	PROGRAMMED 133467			
13345100	24BIT D/A CONVERTER	Crystal/cs4396-ks		
13345200	5V LOW DROP REGULATOR	St Micro L4931cz50 And L4931cz50-ap		
13345300	12V LOW DROP REGULATOR	St Microelectronics/l4940v12	X	13361100
13345400	DECIMAL TO BCD ENCODER	Sgs/m74hc147b1r, Ti Cd74hc147e		
13345500	IC PROGRAMMED 133409	V1.03		
13345600	IC PROGRAMMED VRSION OF 13340	C2200		
13345700	IC REG POS VAR VOLTAGE T092	Motorola Lm317lz Arrow		
13345800	IC PROGRAMMED 133336			
13345900	IC PROGRAMMED MICRO	MR85/V1.04		
13346000	IC D/A CONVTR 24BIT 192KHZ SMD	Ti Pcm1792adb		
13346100	IC 8 BIT DRIVER SMD	Rohm Bu2098f		
13346200	IC 2.5V LOW DROP REGULATOR	Stmicroelectronics Ld1086v25		
13346300	IC ACTIVE LOW RESET 2.7V	Microchip Mcp100-270di/t0		
13346400	IC 3.3V LOW DROP REGULATOR	St Microelectronics L4931cz33-ap		
13346500	PROGRAMMED IC 133409			

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13346600	IC PROGRAMMED 13340900	C2200 V1.03		
13346700	IC MICRO CONTROLLER	P89c51rc2hbp/00(eur)	X	13353600
13346800	IC SUPERVISOR WITH EEPROM	Catalyst Cat1163p-42 Cat1163l-42		
13346900	PROGRAMMED 133336			
13347000	IC PROGRAMMED 13346700			
13347100	IC PROGRAMMED 133467			
13347200	IC PROGRAMMED 133292	Mcintosh		
133473SP	MICREL IC#MIC10937PLCC40			
13347400	IC PROGRAMMED	C2200 V1.04		
13347500	IC PROGRAMMED	C46 V1.00		
13347600	QUAD 2 TO 1 LINE DATA SELECT	Ti Sn74hct157n		
13347700	IC PROGRAMMED	MCD205 V1.02		
13347800	IC OSD GENERATOR SMD	Philips Pca8515t/009(obsolete)		
13347900	IC OSD CHIP/SOCKET ASSY	Aries Electronics 6197-102-18-a		
13348000	IC PROGRAMMED 133350	V1.2.98		
13348100	IC PROGRAMMED	C2200 V1.05		
13348200	IC PROGRAMMED	MCD205 V1.03		
13348300	DIGITAL INTERFACE RECEIVER	Cirrus Logic Cs8416-cs		
13348400	SAMPLE RATE CONVERTER	Analog Devices Ad1896ayrs	X	13355700
13348500	DIFFERENTIAL RECEIVER	Analog Devices Ad8130ar	X	13355800
13348800	IC PROGRAMMED	V1.04 MCD205		
133489SP	IC EPROM 4MBIT	St Micro M27c4001-12c1		
133490SP	IC PROGRAMMED	V2.43 MHT100		
133492SP	IC PROGRAMMED EPROM V1.13			
13349300	IC LOW DROP REGULATOR -5V	National Semiconductor Lm2990t-5.0	X	13378400
13349400	DOT MATRIX VFD DRIVER	Sanyo Lc75710ne	X	13364200
13349500	MICROCONTROLLER 8 BIT	Nxp P89lpc932a1fa,129		
13349600	PROGRAMMED VERSION OF 133495			
133497SP	IC SERVO PCB MCD7009/MCD7010	Mcm Lb1649		
13349800	IC PROG 13340900	V1.05 MR85		
13349900	IC DUAL D-FLIP-FLOP SMD	Ti Sn74lv74ad		
13350000	IC 2-INPUT NOR GATE SMD	Ti Sn74lvc1g02dbvr - 3k Reel		
13350100	IC 2-INPUT NAND GATE SMD	Ti Sn74lvc1g00dbvt, Sn74lvc1g00dbvr		
13350200	IC 2 INPUT AND GATE SMD	Ti Sn74lvc1g08dbvr - 3k Reel		

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13350300	OCTAL BUFFER WITH 3 STATE	Ti Sn74hct244n		
13350400	IC PROGRAMMED	C45 V1.00		
13350500	STEREO VOLUME CONTROL	Ti Pga2310pa		
133506SP	IC: E-EPROM 4MB MHT200 RAW	Amd Am29f040b-90jc		
133507SP	IC: PROG 133506SP	V6.44 MHT200		
13351000	IC VFD CONTROL 16SEGX14DIG	Jrc Nju3426fp1	X	13363300
13351100	D/A CONVERTER 24 BIT	Ti Pcm1704u-k	X	13367000
13351200	IC GENERATOR OSD SMD	St Micro Stv5730a		
13351300	IC MULTIPLEXER TRIPLE 2:1	Analog Devics Ad8185aru	X	13355900
13351400	REGULATOR LOW DROP -15V	National Semiconductor Lm2990t-15	X	13368600
13351500	REGULATOR LOW DROP 15V	National Semiconductor Lm2940ct-15	X	13368700
13351600	IC SINGLE 2-INPUT OR GATE SMD	Ti Sn74ahct1g32dbvt		
13351700	IC: PROG 133350	MX135 V1.1.10		
13351800	IC: PROG CPLD 133406	CONTROL		
13351900	IC: PROG CPLD 133406	VIDEO		
13352000	PROGRAMMED 133495			
13352200	IC: PROG 133350	MX134 V1.4.21		
13352300	IC PROGRAMMED	V1.00 MC2275		
13352600	IC HEX SCHMITT INVERTER	Nxp 74hc14n,652 Motorola Mc74hc14an	X	13360700
13352700	PROGRAMMED 133495			
13352900	IC PROGRAMMED	C46 V1.01		
13353100	IC REGULATOR LOW DROP ADJ	Micrel Mic29302bt Mic29302wt		
13353200	PROGRAMMED VERSION OF 133495			
13353300	PROGRAMMED VERSION OF 133495			
13353400	IC UHS BUFFER	Fairchild Nc7sz126m5x		
13353500	IC MICRO WITH USB	Atmel At89c5131a-tisil		
13353600	IC MICRO CONTROLER	Philips P89v51rd2bn112		
13353700	IC PROGRAMMED	C1000C VER 1.00		
13353800	IC A/D CONVERTER 192KHZ	Cirrus Cs5381-ks		
13353900	IC UHF BUFFER	Fairchild Nc7sz125m5x		
13354000	IC PROGRAMMED	V1.02 MA6500		
13354100	IC PROGRAMMED	V1.01 MA6900		
13354200	PROGRAMMED VERSION OF 133495			
13354300	IC PROG 133350	MX119		

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13354400	IC PROGRAMMED	C2200 V1.06		
13354500	IC PROGRAMMED 133336	IR MICRO		
13354600	IC 3V ECONO RESET	Dallas Ds1233a-15		
13354700	IC D/A CONVERTER 192KHZ SMD	Cirrus Logic Cs4398-czz		
13354800	IC PROG 133406	DISPLAY CONTROL		
13354900	IC VFD DISPLAY DRIVER	Oki Msc1937-01rs Msc1937-02rs		
13355000	IC PROGRAMMED MICRO	C41 V1.01		
13355100	IC SINGLE 2TO1 DATA SEL SMD	Ti Sn74lvc2g157dctr		
13355200	IC SINGLE 2 INPUT AND GATE SMD	Ti Sn74ahct1g08dbvr -3k Reel		
13355300	IC IR TRANSMITTER	Newform Rc-6222-001 , Princeton Pt2222-001	X	13364800
13355400	IC MICROCONTROLLER 32 BIT ARM7	Atmel At91sam7s64-au-001		
13355500	PROGRAMMED VERSION OF 133495			
13355600	PROGRAMMED VERSION OF 133495			
13355700	IC CONVERTER SAMPLE RATE SMD	Analog Devices Ad1896ayrsz,		
13355800	IC RECEIVER DIFFERENTIAL SMD	Analog Devices Ad8130arz		
13355900	IC MULTIPLEXER TRIPLE 2:1 SMD	Analog Devices Ad8185aruz		
13356000	IC BIFET OP AMP	Analog Devices Op275gpz		
13356100	IC RS232 DRIVER LINE	AD Adm202eanz, Maxim Max202epe+/pdip		
13356200	IC PROTECTED PWR SW DUAL SMD	National Lm3526m-h/nopb		
13356300	IC PROGRAMMED	V1.00 MA6300		
13356400	IC PROGRAMMED	V1.01 C45		
13356500	IC OPERATIONAL AMP LOW NOISE	On Semi Ne5534ang, Ti Ne5534ap		
13356600	IC VOLTAGE REGULATOR -15V	On Mc7915ctg Fairchild Lm7915ct , St Micro L7915acv		
13356700	IC VOLTAGE REGULATOR -5.2V	On Semi Mc7905.2ctg		
13356800	IC REGULATOR +5V	On Semi Mc78l05acpg		
13356900	IC REGULATOR +5V	On Semi Mc7805ctg Nsc Lm340t		
13357000	IC QUAD ANALOG SW	On Semi Cd4066bcng Ti Cd4066be		
13357100	IC REGULATOR +12V	On Semi Mc7812ctg		
13357200	IC REGULATOR -12V	On Semi Mc7912ctg		
13357300	IC REGULATOR +8V	On Semi Mc78l08acpg		
13357400	IC REGULATOR -12V	On Semi Mc79m12ctg Mc79m12btg		
13357500	IC NAND 2 INPUT X 4	On Mc74hc00ng St Micro M74hc00b1r TI Sn74hc00n		
13357600	IC HEX UNBUF INVERTER	On Semi Mc74hcu04ang Nxp 74hcu04n,652		
13357700	IC AND 2 INPUT X 4	On Mc74hc08ang Ti Sn74hc08n St Micro M74hc08b1r		

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13357800	IC DUAL OPERATIONAL AMPLIFIER	On Semi Ne5532ang Ti Ne5532ap
13357900	IC 100MA I FEEDBACK AMP	Analog Devices Ad812anz
13358000	IC SPST QUAD FET SWITCHES N O	Analog Devices Adg452bnz
13358100	IC QUAD SPST SWITCH	Analog Devices Adg432bnz
13358200	IC QUAD AUDIO SWITCH	Analog Device Ssm2404pz
13358300	IC VOLUME CONTROL	Analog Devices Pm7628fpz Maxim Max4665cpe+
13358400	IC PROGRAMMED	V1.00 C220
13358500	IC PROGRAMMED	V1.10 RS232 CR16
13358600	IC VOLTAGE REGULATOR -18V	Mot Mc7918ctg
13358700	IC REGULATOR +15V	Mot Mc7815ctg
13358800	IC REGULATOR -15V	On Mc79m15ctg, Mc79m15btg Nsc Lm79m15ct
13358900	IC REGULATOR 15V	Mot Mc78m15ctg Nsc Lm341t-15nopb
13359000	IC REGULATOR 12V	Mot Mc78m12ctg Fairchild Mc78m12ct
13359100	IC 2 INPUT X 4	Mot Mc74hc32ang Ti Cd74hc32e
13359200	IC NOR 2 INPUT X 4	Mot Mc74hc02ang Ti Sn74hc02n
13359300	IC MONOSTB MULTIVIB X 2	On Semi Mc74hc4538ang Sgs M74hc4538b1r
13359400	IC SHFT REG SER-PAR	On Semi Mc74hc595ang, TI Sn74hc595n
13359500	IC NAND SCHMIT 2-IN X 4	On Mc74hc132ang Ti Sn74hc132ne4 St Mirco M74hc132b1r
13359600	IC QUAD OPERATIONAL AMP	Mot Mc33179pg
13359700	IC REGULATOR 5V	Mot Mc78m05ctg
13359800	IC REGULATOR -5V	Mot Mc79m05ctg
13359900	IC REGULATOR -5V T092 100MA	On Mc79L05acpg Ti Mc79L05aclp Sgs L79L05acz
13360000	IC REGULATOR 24V NEG	Mot Mc7924ctg
13360100	IC VOLT REGULATOR VARI POS	On Semi Lm317tg, Lm317btg Ti Lm317kcs
13360200	IC VOLT REGULATOR VERI NEG	On Lm337tg NSC Lm337t\nnopb Fairchild Lm337t
13360300	IC OCTAL D TYPE FLIP FLOP	Om Mc74hc273ang Nxp 74hc273n,652 Ti Sn74hc273n
13360400	IC POWER SUPPLY CONTROLLER	Mot TI594cng Ti TI594cn
13360500	IC QUAD 2 INP EXCLSVE OR GATE	Mot Mc74hc86ang
13360600	IC PROGRAMMABLE TIMER	Mot Mc14541bcpg
13360700	IC HEX SCHMITT INVERTER	On Mc74hc14ang Nxp 74hc14n,652 Ti Cd74hc14e
13360800	IC PROGRAMMED	VER 1.01 C1000
13360900	IC TIMER	St Micro Ne555n Nsc Lm555cn
13361000	IC 5V 1.5A REGULATOR LOW DROP	St Micro L4940v5 Lead Free
13361100	IC 12V REGULATOR LOW DROP	St Micro L4940v12 Micrel Mic29150-12wt

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13361200	IC TIMER	Maxim Icm7556ipd+/pdip Intersil Icm7556ipdz
13361300	IC SCRAM 32KB NONVOLATILE	Simtek Stk11c88-wf45
13361400	IC PROGRAMMED	VER 1.02 C1000
13361500	IE EPROM 16K OTP	Atmel At27c256r-45pu
13361600	IC PAGE MODE EEPROM	Sst Sst29ee512-70-4c-phe
13361700	IC PROGRAMMED	V1.02 C45
13361800	IC DRIVER MOTOR DC	Sanyo Lb1642b-e
13361900	IC FRONT END FM	Sanyo La1175-e
13362000	IC DRIVER ARRAY SMD	Sanyo Lb1745-e
13362100	IC TUNER AM/FM MPX	Sanyo La1837-e
13362200	IC VFD DRIVER SMD	Sanyo Lc75725e-e
13362300	IC QUAD 2 IN DATA SELECTOR	Sgs M74hc257b1r
13362400	IC OCTAL DAR TRNS ARRY W/DIODE	Sgs E-uln2803a Sgs Uln2803a
13362500	IC PROGRAMMED	V1.01 MA6900R
13362600	IC OPERATIONAL AMPLIFIER	On Semi Mc33178pg
13362800	IC PROGRAMMED	MA6500 V1.02
13362900	IC OCTAL DAR TRANS ARRAY	Sgs Uln2804a
13363000	IC REGULATOR 3.3V LOW DROP	Micrel Mic2940a-a-3.3wt
13363100	IC REGULATOR 1.25A LOW DROP	Micrel Mic2941awt
13363200	IC REGULATOR LOW DROP ADJ	Micrel Mic29302wt
13363300	IC VFD CNTRL 16SGX14DIG SMD	Jrc Nju#3426fp1
133634SP	IC: PROG EE PROM	MHT200 V6.60
13363500	IC:MICRO 32-BIT ARM7 SMD	Atmel At91sam7s128-au-001
13363600	IC XM DIGITAL TRANSCEIVER SMD	Chip Express/summatech F2628e-01-tr (V4a)
13363700	IC STEREO VOLUME CONTROL	Ti Pga2311pa & Pga2311p
13363800	CONTROL VOLUME STEREO SMD	Ti Pga2310ua, Pga2320idw, Pga2320idwg4
13363900	IC CPU SUPERVISOR SMD	Intersil X4005s8z
13364000	QUAD 2 INPUT NOR GATES	Ti Sn74ahct02n
13364100	IC DRIVER VFD SMD	Princeton Technology Pt6302-r-001 (g)(l)
13364200	DOT MATRIX VFD DRIVER	Sanyo Lc7571one-e
13364300	REGULATOR LOW DROP 1.2V 1.5A	National Semi Lp3882et-1.2/nopb
13364400	REGULATOR LOW DROP 2.5V 1.5A	National Semi Lp3872et-2.5/nopb
13364500	REGULATOR LOW DROP 3.3V 1.5A	National Semi Lp3872et-3.3/nopb
13364600	IC CMOS EPROM	Atmel At24c04b-pu; Catalyst Cat24c04li-g

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13364700	IC OCT 3-ST NI BF/LD/LR	On Mc74hc541ang M74hc541b1r Ti Sn74hc541n
13364800	IC IR TRANSMITTER SMD	Princeton Tech Pt2222-001(l)
13364900	IC CPLD 128 CELL UNPROGRAM	Cypress Cy37128p84-125jxc
13365000	QUAD 2 TO 1 DATA SELECTOR	Ti Sn74ahc157n
13365100	IC 2 INPUT NOR GATE SMD	Ti Sn74ahct1g02dbvt
13365200	PROGRAMMED VERISON OF 133495	
13365300	IC PROG 133665	MX136 V1.0.10
13365400	IC OCT 3-STT NONINVERTING	On Semi Mc74hc573ang St Micro M74hc573b1r
13365500	IC 89C51RC2 MICRO CONTROLLER	Nxp P89c51rc2bn,112
13365700	IC PROGRAMMED	C46R V1.01
13365800	IC PROGRAMMED	MA2275R V1.00
13365900	IC SRAM	Cypress Cy62256nl-70pxc Cy62256nl-70pxc
13366000	IC CPLD 128 CELL UNPROGRAMMED	Cypress Cy37128p84-125jxc Cy37128p84-125jxi
13366100	IC PROG VIDEO CPLD 133660	
13366200	IC PROG 133660	DISPLAY CONTROL
13366300	IC DISPLAY DRIVER 4 DIGIT LED	Sgs M5450b7 Micrel Mm5450yn
13366400	IC PROGRAMMED 133665	MX120
13366500	IC EEPROM 1 MEG	Sst Sst29ee010-70-4c-phe
13366600	IC PROGRAMMED	VER 1.03 C1000
13366700	IC PROGRAMMED	VER 1.01 C2300
13366800	IC TONE CONTROL 3-BAND SMD	Jrc Njw1119av-te1-#zzzb
13366900	PROGRAMMED VERSION OF 133495	
13367000	D/A CONVERTER 24 BIT	Ti Pcm1704u
13367100	IC PROGRAMMED	V1.00 MA7000
13367300	VOLTAGE REGULATOR 1.8V	NSC Lm1117t-1.81no St Micro Ld1117v18 Diodes Ap1117t18l-u
13367400	VOLTAGE REGULATOR 3.3V 1.5A	Micrel Mic29150-3.3wt Sipex Spx29150u-l-3-3
13367500	IC PROGRAMMED	VER 1.00 C500
13367700	IC REGULATOR 12V 100MA TO92	On Semi Mc78l12acprag
13367800	PROGRAMMED VERSION OF 133495	
13367900	IC PROGRAMMED	VER 1.00 MA6600
13368000	IC 2BIT LOW VOLT TRANS SMD	Nxp Gtl2002d,112
13368100	IC DUAL I2C VOLT TRANSLATOR	Nxp Pca9306d,112
13368600	REGULATOR -15V LOW DROPOUT	National Semiconductor Lm2990t-15 Nopb
13368700	REGULATOR 15V LOW DROPOUT	National Semiconductor Lm2940ct-15 Nopb

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13368800	REGULATOR -12 1A LOW DROP	National Semiconductor Lm2990t-12 Nopb
13368900	IC PROGRAMMED	V1.01 MA6300
13369000	IC 8 CHAN D/A CONVERTER SMD	Ess Technology Es9008s
13369100	IC DIG INTERFACE RECEIVER SMD	Cirrus Logic Cs8416-cszz
13369200	IC IDFFERENTIAL LINE DRIVR SMD	Ti Sn65lvds391pw
13369300	IC DIFFERENTIAL LINE RECR SMD	Ti : Sn65lvds390pw
13369400	IC 8 LIN LATCH DRV NON-INVERT	Ti Sn74hct573n, Nxp 74hct573n,652
13369500	IC 3-8 DECODER ACTIVE LOW OUT	Ti Cd74hct137e
13369600	IC VOLTAGE REGULATOR 1.2V SMD	St Ld1117s12tr
13369700	IC PLL MULTICLOCK GEN SMD	Ti Pll1705dbq
13369800	IC QUAD 2 TO 1 DATA SELCTR SMD	Ti Sn74lvc157adr Fairchild 74lcx157mx
13369900	PROGRAMMED VERSION 13349500	
13370000	IC SINGLE 2 INPUT OR GATE SMD	Ti Sn74lvc1g32dbvt
13370100	IC PROGRAMMED	VER 1.05 C1000
13370200	IC PROGRAMMED	VER 1.01 C500C
13370300	IC PROGRAMMED	VER 1.03 C45R
13370400	IC STERO CODEC 24BIT192KHZ SMD	Cirrus Logic Cs4265-cnz
13370500	IC PROGRAMMED	V1.01 MA2275R
13370600	PROGRAMMED VERSION 13349500	
13370700	IC DUAL RS232 3V W/SHTDWN SMD	AD Adm3222arwz-reel7 Maxim Max3222ecwn+t
13370800	IC PROGRAMMED	VER 2.00 MA6600
13370900	IC EEPROM 256K BITS 3.3V SMD	Atmel At24c256c-sshl-t
13371000	IC PROGRAMMED	VER 2.10 MA6600
13371100	IC 16 BIT I2C LED DIMMER SMD	Nxp Pca9532d,112
13371300	IC PROGRAMMED	VER 1.02 C500C
13371400	IC DUAL OP-AMP RAIL SMD	On Semi Mc33202dr2g
13371500	IC 8 BIT MAG ENCODER SMD	Austria Microsystems As5035
13371600	IC PROGRAMMED	VER 2.11 MA6600
13371700	IC REG 1.2A LO-DROP ENA SMD	Micrel Mic2941awu-tr
13371800	IC DUAL OP AMP 5532 SMD	On Semi Ne5532ad8r2g
13371900	IC OP AMP LOW NOISE 5534 SMD	On Semi Ne5534adr2g
13372000	IC OP AMP 33178 SMD	On Semi Mc33178dr2g
13372100	IC SHFT REG SER-PAR SMD	On Semi Mc74hc595adr2g
13372200	IC CONVERTER D/A 24 BIT SMD	Ti Dsd1796db

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13372400	IC SINGLE NAND SCHMITT SMD	Ti Sn74lvc1g132dbvr
13372500	IC OP AMP FET INPUT DUAL SMD	Ti Opa2134ua
13372600	IC VOLUME/TONE CONTROL SMD	Jrc Njw1194v-te1
13372700	IC 16 BIT I/O EXPANDER SMD	Ti Pcf8575pw (tube Of 60)
13372900	IC OFF-LINE SWITCHER	Power Integrations Top262en
13373000	IC MICRO RESET POS SMD	St Stm812mw16f Microchip Tc1271amvrctr
13373100	REG NEG ADJ 1A WITH ENA SMD	National Lm2991sx/nopb
13373200	IC REGULATOR SHUNT .4%	On Semi TI431bcpg Ti TI431bcp
13373300	IC CONVERTER D/A SMD	Akm Ak4399eqp
13373400	IC REG STEP-DOWN CONT SMD	National Lm25116mh
13373500	IC REG STEP-DOWN 3A SMD	National Lm22670tje-adj
13373600	IC REGULATOR 3.3V 500MA SMD	Micrel Mic5209-3.3ys-tr
13373700	IC REGULATOR 5V 500MA SMD	Micrel Mic5209-5.0ys
13373800	IC MONO MULTIVIBRATOR SMD	Ti Sn74lvc1g123dctt
13373900	IC PROGRAMMED	VER 1.00 C22A
133740SP	IC EPROM 1MBIT RAW	St Miroelectronics M27w101-80k6
13374200	IC PROGRAMMABLE TEMP SW SMD	Analog Devices Ad22105arz
13374300	IC PROGRAMMED	VER 2.12 MA6600
13374400	IC PROGRAMMED	VER 2.13 MA6600
13374500	IC PROGRAMMED	VER 1.02 C2300
13374600	IC USB AUDIO DAC	Texas Instruments Pcm2707pjt
13374700	IC TUNER TEF6616 SMD	Nxp Tef6616t/v1,512 & Tef6616t/v1,518
13374800	IC PROGRAMMED	V2.14 MA6600
13374900	IC MICRO PROGRAMMED	CD MXA60
13375000	PROGRAMMED VERSION 13349500	
13375100	IC PROGRAMMED	V1.01 C220
13375200	IC RS232 3V SMD	AD Adm3202arwz Ti Max3232ecd
13375300	IC PROGRAMMED	V1.02 MA6300
13375400	IC USB 2:1 MUX SWITCH SMD	Intersil Isl54222aiuz-t
13375500	IC 32-BIT MICRO SMD	Atmel At32uc3a3256-alut Micro Chip At32uc3a3256-aluta1
13375600	IC PROGRAMMED	VER V1.10 C500C
13375700	IC D/A CONVERT 32 BIT 192K SMD	Ti Pcm1795db
13375800	IC PROGRAMMED	V2.50 MA6600
13375900	IC RTC DS32C35 SMD	Maxim Ds32c35-33#

INTEGRATED CIRCUIT REPLACEMENT GUIDE

13376000	IC POT DIGITAL 10K SMD	Analog Devices Ad5231bruz10-reel
13376100	IC REFERENCE 2.048V SMD	Analog Devices Ref191gsz
13376200	IC OP AMP OP1177 SMD	Analog Devices Op1177arz
13376300	IC PROGRAMMED	V1.02 MA6900
13376400	IC INVERTER VOLTAGE SMD	Maxim Max828euk
13376500	IC CONVE S-RATE 32BIT 192K SMD	Cirrus Logic Cs8421-czrz
13376800	IC PROGRAMMED	V2.51 MA6600
13376900	IC I2C BUS REPEATER SMD	Nxp Pca9508d,118
13377000	IC PROGRAMMED	V2.52 MA6600
13377100	IC SINGLE INVERTER GATE SMD	Ti Sn74lvc1gu04dbvt
13377200	IC OP AMP DIFFERENTIAL SMD	Texas Instruments Opa1632dgnr
13377300	IC 2.5V 500 MA LDO REG SMD	Micrel Mic5209-2.5ys-tr (2500/rl)
13377400	IC PROG CLOCK SYNTHESIZER SMD	Cirrus Logic Cs2200cp-czrz
13377500	IC 32BIT 8-CHANNEL DAC SMD	Ess Es9018s
13377600	IC QUAD 2-INPUT AND GATE SMD	Ti Sn74lvc08apwt
13377700	IC 8BIT MICROCONTROLLER	Nxp P89lpc954fa
13377800	IC DUAL JFET OP AMP SMD	Ti Opa1642aidr
13377900	IC 2 CHAN VOLUME CNTRL SMD	Njr Muses72320v-te2
13378000	IC PROGRAMMED	V1.03 MA6300
13378100	IC PROGRAMMED	V1.10 C1000CE
13378200	IC REG DUAL MODE SV PROG SMD	Maxim Max663csa+
13378300	IC REG DUAL MODE -5V PROG SMD	Maxim Max664csa+
13378400	IC REGULATOR -5V LOW DROP	National Semi Lm2990t-5.0/nopb
13378500	PROGRAMMED VERSION OF 133777	
133786SP	IC FLASH MEM PARALLEL	Intel Te28f128j3d75 872764
133787SP	IC SPI SERIAL EEPROM	Atmel At25256an-10su-2.7
133788SP	IC 8-BIT MICROCONTROLLER 64K	Atmel Atmega64-16au
133789SP	IC DSP DOLBY/DTS HD SMD	Cirrus Logic Cs497004-cqz
13379000	IC PROGRAMMED	VER 1.01 MCD1100
13379100	IC PROGRAMMED	V 2.53 MA6600
13379200	IC RTC DS3231 SMD	Maxim Ds3231s
13379300	IC TIMER LM555 SMD	National Lm555cmx/nopb
13379400	IC DECADE COUNTER SMD	On Semi Mc14017bdg (tube),
13379500	IC LATCH R-S QUAD NOR SMD	On Semi Mc14043bdg (tube),

INTEGRATED CIRCUIT REPLACEMENT GUIDE

13379600	IC DRIVER VFD SMD	Princeton Technology Pt6302lq-001
13379700	IC PROGRAMMED	VER 1.20 C500C
13379800	IC SWITCHING REGULATOR 1A SMD	National Lm22672mr-adj
13379900	IC SWITCHING REGULATOR 3A SMD	National Lm22673tje-adj
13380000	IC AUDIO MUX W/VOL +TONE SMD	Renesas R2a15220fp
13380100	IC VIDEO SELECTOR/BUFFER SMD	Jrc Avdm-2000
13380300	IC 3CH VIDEO AMP/DUAL SUP SMD	Jrc Njm2581m
13380400	ID DUAL 4 CH ANALOG SW SMD	Rohm Bu4052bcf
13380500	ID DUAL VIDEO OP AMP SMD	Rohm Bd7628f-e2
133806SP	IC MICROCONTROLLER	Phillips #p87c51sbpn
13380700	PROGRAMMED VERSION OF 133777	
13380800	IC QUAD COMPARATOR SMD	On Semiconductor Lm339dg (tube)
13381000	IC SHUNT REGULATOR SMD	Exar (sipex) Spx432m-l/tr
13381100	IC OFF-LINE SWITCHER	Power Integrations Top258mn Or Top258mg
13381200	IC HEX SCHMITT INV SMD	Ti Sn74lvc1g14dbvr Nxp 74lvc1g14gw
13381300	IC PROGRAMMABLE TIMER SMD	On Semi Mc14541bdg
13381400	IC PROGRAMMED	V2.54 MA6600
13381500	IC PROGRAMMED	VER 1.30 C500C
13381600	IC IPOD AUTHENTICA V2.0B-4 SMD	Renesas R5h30201na04nq03gz
13381700	IC DUAL BINARY COUNTER SMD	Ti Sn74lv393apwr
13381800	IC 32 BIT 8 CH AUDIO DAC SMD	Ess Technology Inc Es9016s
13382100	IC REG NEG ADJ 1.5A SMD	On Semi Lm337bd2tr4g
13382200	IC REG POS ADJ 1.5A SMD	On Semi Lm317bd2tr4g
13382300	IC REGULATOR ADJ 500MA SMD	Micrel Mic5239ym
13382400	IC 8 BIT SHIFT REGISTER SMD	Ti Sn74lv164apw
13382500	IC QUAD 2-INPUT OR GATES SMD	Ti Sn74lv32apwr
13382600	IC QUAD 2-INPUT NOR GATES SMD	Ti Sn74lv02apwr
13382700	PROGRAMMED VERSION OF 133777	
13382800	PROGRAMMED VERSION OF 133777	
13382900	IC PROGRAMMED	VER 2.0 C500CE6
13383000	IC PROGRAMMED	VER 2.0 C1000CE6
13383100	IC PROGRAMMED	V1.40 C500C/CE
13383200	IC PROGRAMMED	V1.20 C1000CE
13383300	IC PROGRAMMED	V1.06 C1000C

INTEGRATED CIRCUIT REPLACEMENT GUIDE

13383400	IC PROGRAMMED	VER 2.55 MA6600
13383500	IC ADC 2-CHAN 192K 24 BIT SMD	Akm Ak5394avs Ak5394avsp-e2 Digi-reel
13383600	IC HEX SCHMITT INVERTER SMD	Texas Sn74lvc14ad
13383700	IC SINGE 2INPUT EX OR GATE SMD	Ti Sn74lvc1g86dbvt
13383800	IC PROGRAMMED	V2.10 C1000CE6
13383900	PROGRAMMED VERION OF 133777	
13384000	IC MICRO ATSAM4SD32C	Amtel Atsam4sd32ca-au
13384100	PROGRAMMED VERSION OF 133777	
13384200	DC/DC CONVERTER DUAL OUT	Murata Ndttd1212c
13384300	IC NETWORK AIRPLAY SMD	Microchip Dm860-te
13384400	IC OP AMP OPA2180 SMD	Texas Instruments Opa2180idr
13384500	IC MICRO MIXED SIGNAL 2KB SMD	Lya 355002400 Ti Msp430g2203ipw20
13384600	IC REG 3.3V 50MA LDO SMD	Lya 361001900, Ti Tps79733dckr
13384700	IC DUAL BUFFER SCHMIT SMD	Lya 331007700, Ti Sn74lvc2g17dbvt
13384800	IC MICRO 32BIT ARM128K SMD	Lya 355002500, St Stm32f100rdt6b
13384900	IC REG 3.3V 150MA LDO SMD	National Or Ti Lp2985im5-3.3/nopb
13385000	IC REG 3A PWM SMD	Lya 364001900, St St1s10phr
13385100	IC DAC 24BIT STEREO SMD	Ti Pcm1796dbr
13385200	IC OP-AMP QUAD 3-32V SMD	Ti Lm324adr
13385300	IC REG 5V 0.5A 5% SMD	On Mc78m05cdtrkg
13385400	IC ADC 192K 24BIT SMD	Akm Ak5394avs
13385500	IC BUFFER DUAL LOGIC SMD	Ti Sn74lvc2g34dbvr
13385600	IC 8BIT SHIFT REG LATCH SMD	Lya 331008900 Ti Sn74hc594dr
13385700	IC OP AMP DUAL 5-36VSMD	National Lm4562max/nopb - Reel
13385800	IC REG 9V 0.5A SMD	Fairchild Mc78m09cdt, On Mc78m09cdtrkg
13385900	IC A/D 192K 24BIT SMD	Cirrus Cs5368-cqz
13386000	IC USB2.0 HSAUDIO CONTROL SMD	Gfec Tenor Te8802l
13386100	PROGRAMMED VERSION OF 133777	
13386200	IC USB AUDIO STREAMING SMD	Savitech Corp Sa9227
13386300	IC 32-BIT ARM MICRO SMD	Atmel Atsam3u2ca-au
13386400	IC FPGA SPARTAN-6 SMD	Xilinx Xc6slx9-2tqg144c
13386500	IC FLASH 16MB SMD	Micron Technology M25pe16-vmw6tg
13386600	IC DC-DC CONVERTER DUAL SMD	Ti Tps65131rget
13386700	IC REG LO DROPOUT ADJ 0.1A SMD	Ti Tps79101dbvt (250 Pcs)

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13386800	IC ADC STEREO 24-BIT 96KHZ SMD	Akm Ak5358bet
13386900	IC CLOCK GENERATOR SMD	Savitech Corp Sa8128-16qp-tr3
13387000	IC MICRO 8BIT 32K FLASH SMD	Microchip Pic18f25k22-i/ss
13387100	IC BUFFER NON-INV SMD	Fairchild Nc7sz126p5x
13387200	IC SW DEBOUNCER SMD	Maxim Max6816eus+t
13387300	IC PROGRAMMED	V2.11 C1000CE6
13387400	PROGRAMMED VERSION OF 133777	
13387500	IC MICRO 32-BIT SAM4S SMD	Atmel Atsam4s8ba-au
13387600	DC/DC CONVERTER DUAL OUT	Murata Ndttd1215c
13387700	PROGRAMMED VERSION OF 133777	
13387800	IC REG POS ADJ 100MA LDO SMD	On Semiconductor Lm2931acdr2g
13387900	IC OPTOCOUPLER SCHMITT SMD	Fairchild H11l1sr2m
13388000	IC MICRO MIXED SIG 16KB SMD	Lya 355003800, Ti Mps430g2553ipw20
13388100	IC OP AMP DIFFERENTIAL SMD	Ti Lme49724mr/nopb Lme49724mr/nopb
13388300	PROGRAMMED VERSION OF 133777	
13388400	IC USB AUDIO STREAMING SMD	Savitech Corp Sa9227a-64lq
13388500	PROGRAMMED VERSION OF 133777	
13388600	IC DUAL SWITCHING REG SMD	Ti Lm26420ymh/nopb
13388700	IC 3.3V 1-BIT DIFF DRIVER SMD	Fairchild Fin1001m5x
13388800	IC 32 BIT 2 CH DAC PCM/DSD SMD	Akm Ak4490eq
13388900	IC DAC 32BIT 384KHZ SMD	Ti Pcm5100pwr
13389000	IC MOTOR DRIVER DUAL SMD	Ti Drv8835dssr
13389100	IC SHIFT REGISTER 3-STATE SMD	Texas Inst Cd74hc4094pwr
13389200	IC MICROCONTROLLER 8 BIT SMD	Silicon Lab Efm8ub20f32g-a-qfp48
13389300	IC DRIVER DISPLAY SMD	Princeton Technology Corp Pt6311-lq(l)
13389400	IC SWITCHER OFF-LINE	Power Integrations Top256yn
13389500	PROGRAMMED VERSION OF 133777	
13389600	IC 8 BIT I/O PORT SMD	Nxp Pca9557d, 118
13389700	IC REG BUCK ADJ 2A SMD	Ti Lm46002pwp
13389800	IC MOTOR DRIVER	Ti Drv8802pwpr
13389900	IC ADC 2-CH 18 BIT I2C SMD	Microchip Mcp3423-e/un
13390000	IC REG BUCK 2A ADJ SMD	Ti Tps54286pwp
13390100	IC SWITCH CURRENT LIMITED SMD	Ti Tps2553dbvt Diode Inc Ap2553w6-7
13390200	IC SWITCHING REG .5A SMD	Ti Tps560200dbvt

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13390300	IC ADC 2-CH DIFF 32/768K SMD	Akm Ak5552vn
13390400	IC DIG AUDIO TX 24/192K SMD	Akm Ak4103avf
13390500	IC ADC 2CH 32/768K SMD	Akm Ak5397eq
13390600	PROGRAMMED VERSION OF 133777	
13390700	IC OPAMP DUAL ULTRA LN SMD	Analog Devices Ad8599arz
13391000	IC PROGRAMMED	VER 1.01 C22A
13391100	IC OP AMP VFB DUAL 65MHZ SMD	Analog Devices Ada4898-2yrdz-r7
13391200	IC PROG	C500C/CE/CE6 V2.01
13391300	IC OP AMP AD8510 SMD	Analog Devices Ad8510arz
13391400	IC OP AMP AD8512 SMD	Analog Devices Ad8512arz