

Component	Description	Part Number	Component	Description	Part Number
REF SCHEMATIC	BOARD, PC, INTL S-SLOT, PROC, REV T	755 057 10	R60,112,113	RESISTOR, CF, 510 OHM, 25W T/R	474 021 91
REF RAW	BOARD, PC, INTL S-SLOT, PROC, REV J	755 057 30	R61	RESISTOR, ZERO OHM, UNIPER, 18W	479 010 91 *
REF DRAWING	BOARD, PC, INTL S-SLOT, PROC, REV B	755 057 50	R63,67,71,93	RESISTOR, CF, 680 OHM, 25W T/R	474 020 91
REF SUB ASSEMBLY/LIST	BOARD, PC, INTL S-SLOT, PROC, REV IN	755 057 44	R60	RESISTOR, CF, 470 OHM, 25W T/R	474 039 91
REF SUB ASSEMBLY/LIST	BOARD, PC, INTL S-SLOT, PROC, REV IN	755 057 46 *			
REF E1,6,11,12,15,16	WAFER, STRIP 3 PIN	219 354 90	R91,95,105,111,116,118,123,125		
REF U3	SOCKET, IC DIP, 6 PIN	127 011 90	R97	RESISTOR, CF, 10K OHM, 25W T/R	474 026 91
REF U18,40,51-53	HEAT SINK, 180W, TD-220, IMPROVED	127 011 90	R98	RESISTOR, MF, 887 OHM, 25W 1% T/R	478 024 91
REF U47	COMPOUND, HEAT SINK	161 001 90	R100	RESISTOR, MF, 243 OHM, 25W 1% TR	478 019 91
REF U54	SOCKET, IC, DIP, 40PIN	127 010 90	R103	RESISTOR, CF, 270K OHM, 25W LP	474 035 90
			R104	RESISTOR, CF, 10 OHM, 25W LP	474 048 90
BT1	BATTERY, LITHIUM, 3.4V, 800MA	404 011 90	R105,121	RESISTOR, CF, 180K OHM, 25W T/R	474 011 91
C1-3,10,20,25,30,32,33,35-40	CAPACITOR, CERAMIC, BYPASS, .1UF, 50V	158 021 90	R107	RESISTOR, MF, 1.21K, 25W 1% TR	478 010 91
C4-9	CAPACITOR, CERAMIC, 33000PF, 100V	152 071 90			478 017 91
C21,22	CAPACITOR, ELECTRO, RAD, 6800MF, 25V	152 022 90	R109	RESISTOR, CF, 2.7 OHM 5% 1AWT/R	471 162 91
C23	CAPACITOR, ELECTRO, RAD, 10000MF, 16V	155 045 90	R114	RESISTOR, CF, 22K OHM, 25W T/R	474 026 91
C24	CAPACITOR, ELECTRO, RAD, 6800MF, 16V	155 066 90	R115	POT, LINEAR, 10K, HORIZ	460 034 90
C31,34	CAPACITOR, DIP, TANT, 10MF, 35V	156 051 90	R118	RESISTOR, CF, 470K OHM, 25W T/R	474 012 91
C41	CAPACITOR, ELECTRO, RAD, 470MF, 16V	154 010 90	R120	RESISTOR, CF, 82K OHM, 25W T/R	474 044 91
C42,47,56-59	CAPACITOR, CERAMIC, BYPASS, .1UF, 50V	156 043 90	R122	RESISTOR, MF, 976 OHM, 25W 1% TR	476 009 91
C43	CAPACITOR, ELECTRO, RAD, 220MF, 16V	152 071 90	R126	RESISTOR, CF, 2.2K OHM, 25W T/R	474 033 91
C44-46,48-54	CAPACITOR, ELECTRO, RAD, 10MF, 35V	156 011 90	RP1	RESISTOR, NETWORK, 10K-7 8P SIP	478 016 90
C45	CAPACITOR, DISC, CERAMIC, 05MF, 25V	152 049 90	RP2-3	RESISTOR, NETWORK, 10K-3 8P SIP	478 055 90
C50	CAPACITOR, CERAMIC, 33UF, 100V	152 023 90	RP4,5	RESISTOR, NETWORK, 1M/1K-6 14P DIP	478 073 90
C51,52	CAPACITOR, DIP, MICA, 20PF, 500V	153 005 90	RP7,8	RESISTOR, NETWORK, 390/750-7 16 DIP	478 074 90
C53	CAPACITOR, CERAMIC, 100PF, 200V	152 003 90	RP9	RESISTOR, NETWORK, 1K-9 10P SIP	478 032 90
C55,46	CAPACITOR, CERAMIC, 4700PF, 200V	152 068 90	RP10,11	RESISTOR, NETWORK, 10K-9 10P SIP	478 031 90
C66	CAPACITOR, DIP, MICA, 15PF, 500V	153 003 90	RP12,13	RESISTOR, NETWORK, 22K-6 10P SIP	478 020 90
C68	CAPACITOR, CERAMIC, BYPASS, .1UF, 50V	153 071 90 *	SW1	SWITCH, DIP, 6 POS, 16 PIN	510 105 90
CR7	DIODE, RECT, 3A, 100V AXIAL, 1/8	480 081 91			
CR8	DIODE, ZEN, 7.5V, 1N755A T/R	480 079 90	U1,2,10,11	IC, STEPPER MOTOR, DRV, T/40477	321 029 90
CR12,13	DIODE, SW, 100V, 100MA, 1N4148	480 033 91	U4	IC, HEX, INVERT, BUFFER, 4046UB	320 262 90
CR15	RECTIFIER, SIL, 100V, 1.0A, 1N4002 T/R	484 022 91	U5,6,7,55,56	IC, S/REG, 8 STAGE, 4021	320 265 90
	DIODE, SCHOTT, 60V, 400MA, 1N6563	480 056 90	U8,9,23,24	IC, 10-BIT, SER, DRV, W/LOCH, 5810A	320 103 90
D1	VR1STR 47V/1.8/250, AV472A1	483 009 90	U12,22,27,64	IC, INVERTER, HEX, SCHMIDT, 4584	320 264 90
D2	SUPPRESSOR, VOLTAGE, 12V15 W1N6376	483 011 90	U13,14,20,28,30-34,46,48	OPTO, COUPLER, DARL, 6N139	320 086 90
D3	SUPPRESSOR, VOLTAGE, 5V15 W1N6375	483 010 90	U15-17	OPTO, COUPLER, TRIAC, MOC3031	370 007 90
DS1	EMITTER, LED, RED, M45753	479 002 90	U19,35	IC, BUFFER/DRIVER, QUAD, 74HC126	320 321 90
E14	WAFER, STRIP, 3PIN	219 354 90	U21,43,44	IC, DRIVER DARL, 7-OUT, ULN2003	320 132 90
E17,8,9,10,17,18	JUMPER, 2PIN, 100	509 051 90	U25,26	OPTO, COUPLER, QUAD, ILQ-1	370 016 90
E12,16,17	WIRE, BUSS, BAR22, SIM, BELD, 80210	512 004 90	U29	OPTO, COUPLER, DUAL, ILQ-2	370 017 90
J1,2	CONNECTOR, DIN, 6-PIN, RTA, MALE	215 003 90	U36	IC, OCTAL D/FIF TRI, 74HC574	320 262 90
J3	WAFER, RD, WIRE, 6 PIN, MOLEX2403	483 013 90	U37,50	IC, LATCH, OCTL, TRANSISTOR, P 74HC573	320 306 90
K1-8	RELAY, SSR, 120VAC 1A, SIP	483 039 90	U38,39	IC, DECODER, 3 TO 8 LINE, 74HC138	320 274 90
K1-9	TRIAC, LOGIC, 200V, 1A	482 015 90	U40,42,58	IC, INVERTER, HEX, 74HC04	320 272 90
Q16-18	TRANSISTOR, NPN, GEN, PNP, AMP, 2N3904	481 017 90	U41	IC, GATE, AND, QUAD 2-IN 74HC08	320 273 90
Q19,22,23,24,25	TRANSISTOR, NPN, DARLINGTON, 5A, TIP125	481 034 90	U45	OPTO, COUPLER, TRANSISTOR, H11A1	370 003 90
Q20	TRANSISTOR, NPN, DARLINGTON, 1A, MPS6724	481 081 90	U47	REG, POS, ADJ, 1.5A, LM317T	488 025 90
Q25	DIODE, REF, 2.5V, TL451CLP	480 083 90	U49	IC, SOUND GEN, GAMES, AY38912	320 089 90
R1-5,26,30,40,52,54,52,66,70	RESISTOR, CF, 470 OHM, 25W T/R	474 020 91	U51	RAM, STATIC, C-MOS, 80X8, 150NS	706 005 90
R6-8	RESISTOR, CF, 47 OHM, 25W T/R	474 009 91	U53	EPROM, CMOS, 64K, 250NS, 27C64	706 019 90
R9-11	RESISTOR, CF, 68 OHM, 25W T/R	474 008 91	U54	MICROPROCESSOR, 12MHZ, 40P, DIP 80C32	327 018 90
	RESISTOR, CF, 360 OHM, 25W T/R	474 006 91	U57	IC, REG, SHF/STR, 4094B	320 108 90
	RESISTOR, CF, 1K OHM, 25W T/R	474 023 91	U59	IC, AUDIO, POWER, 1.5W, LM388	324 004 90
	RESISTOR, CF, 1 MEG OHM, 25W T/R	474 013 91	U60	IC, COUNTER, DUAL, 4 BIT, 74HC138	320 366 90
	RESISTOR, CF, 350 OHM, 25W T/R	474 054 91	U61	IC, CNTR, 12 STAGE, BIN, 4040	320 105 90
	RESISTOR, CF, 10K OHM, 25W T/R	474 002 91	U62	IC, FIF, DUAL, JK, 4027	320 201 90
	RESISTOR, CF, 10K OHM, 25W T/R	474 008 91	U63	IC, MULTVDR, DUAL MONO, 4098B	320 140 90
	RESISTOR, CF, 3K OHM, 25W T/R	474 008 91	U65	IC, COMPTR, QUAD, VOLT, LM3302	320 130 90
	RESISTOR, CF, 47K OHM, 25W T/R	474 023 91	Y1	CRYSTAL, 10.0 MHZ, HC-18U	230 121 90
	RESISTOR, CF, 47K OHM, 25W LP	474 023 90	Y3	CRYSTAL, 3.6864 MHZ, HC-18U	230 123 90
	RESISTOR, CF, 220 OHM, 25W T/R	474 019 91			
	RESISTOR, CF, 1K OHM, 25W T/R	474 023 91			
	RESISTOR, CF, 1K OHM, 25W T/R	474 023 91			
	RESISTOR, CF, 15K OHM, 25W T/R	474 001 91			
	RESISTOR, CF, 3K OHM, 25W T/R	474 006 91			

* 755 057 06 only









