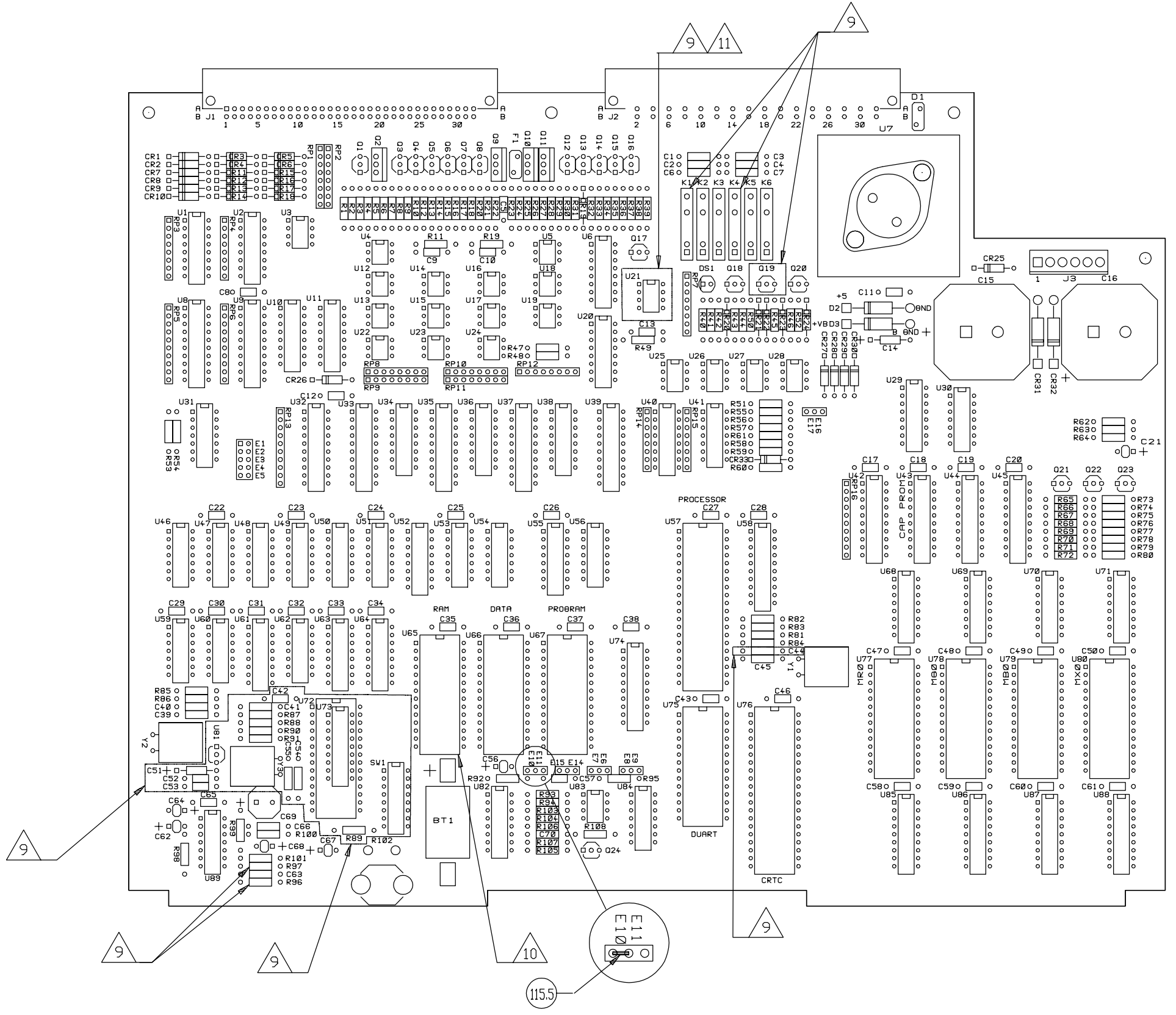


Component	Description	Part Number	Component	Description	Part Number
REF SCHEMATIC	BOARD PC, SUPER PE VER2, REV G	757 034 11	R47,48	RESISTOR, CF, 330, OHM, .25W T/R	474 054 91
REF RAW	BOARD PC, SUPER PE VER2, REV C	757 034 31	R50,61,89,92	RESISTOR, CF, 1K, OHM, .25W T/R	474 023 91
REF DRAWING	BOARD PC, SUPER PE VER2, REV H	757 034 51	R57,59	RESISTOR, CF, 220, OHM, .25W T/R	474 018 91
REF SUB ASSEMBLY/LIST	BOARD PC, SUPER PE VER3, REV D	757 034 47*	R60,81-83,95,96,107	RESISTOR, CF, 10K, OHM, .25W T/R	474 026 91
REF SUB ASSEMBLY/LIST	BOARD PC, SUPER PE+ VER3, LCST, REV C	757 034 48**	R65-72,75,78,80	RESISTOR, MF, 698, OHM, .25W 1% TR	476 003 91
			R73,74,76,77,79	RESISTOR, MF, 348, OHM, .25W 1% TR	476 002 91
REF E6-9,14-17	JUMPER, 2-PIN, .100	639 027 90	R85	RESISTOR, CF, 1 MEG, OHM, .25W T/R	474 013 91
REF U7	NUT, KEP, STEEL 6-32	424 003 95	R86	RESISTOR, CF, 2.7K, OHM, .25W T/R	474 031 91
REF U7	HEATSINK, 3.3C/W, TO-3	267 023 90	R93,104	RESISTOR, MF, 1MEG, .25W, 1% T/R	476 040 91
REF U7	SIL, PAD, TO-3	310 011 90	R94	RESISTOR, CF, 22MEG, OHM, .25W T/R	474 082 91
REF U21	SOCKET, IC DIP, 8-PIN	127 017 90	R97	RESISTOR, CF, 18K, OHM, .25W T/R	474 022 91
REF U43	SOCKET, IC DIP, 20-PIN	127 007 90			
REF U57,76	SOCKET, IC DIP, 40-PIN	127 010 90	R100	RESISTOR, CF, 2.7, OHM, 5%, 1/4W T/R	471 162 91
REF U65-67,72,77-80	SOCKET, IC DIP, 28-PIN	127 011 90	R102	POT, LINEAR, 10K, HORIZ	460 034 90
REF Y1,2	TAPE, D/SIDED, .032THK X .187 W	319 044 90	R103	RESISTOR, MF, 715K, .25W, 1% T/R	476 046 91
			R105	RESISTOR, CF, 8.2K, OHM, .25W T/R	474 039 91
BT1	BATTERY, LITHIUM, 3.5V, 1/2 AA	404 027 90	R106	RESISTOR, MF, 174K, .25W, 1% T/R	476 054 91
C1-4,6,7	CAPACITOR, CERAMIC, .033UF, 20%, 100V, AX T/R	152 082 91	RP1-4	RESISTOR, NTWK., 510-4, 8P SIP	478 034 90
C5,9,10,12	CAPACITOR, CERAMIC, .01UF, +80-20%, 50V, AX TR	152 077 91	RP5-6,13,16	RESISTOR, NTWK., 10K-9, 10P SIP	478 091 90
C8,13,17-20,22-38,43,46-50,57-61,65	CAPACITOR, CERAMIC, .1UF, 50V+80-20%, AX T/R	152 078 91	RP7-12,14	RESISTOR, NTWK., 330-4, 8P SIP	478 041 90
C11,14	CAPACITOR, CERAMIC, .1UF, 20% 100V, AX T/R	152 085 91	RP15	RESISTOR, NTWK., 470-7, 8P SIP	478 037 90
C15,16	CAPACITOR, ELECTRO, RAD, 6800MF, 16V	156 051 90	SW1	SW, DIP, 8POS, 16-PIN, LO-PROFILE	510 144 90*
C21,56,62,64,67,68	CAPACITOR, ELECTRO, RL, 10UF, 16V, T/R	156 016 91			
C39,40,45	CAPACITOR, CERAMIC, 15PF, 5%, 50V NPO, AX T/R	152 087 91	U1,2,6,10,11	OPTO, COUPLER, QUAD, ILQ-1	370 016 90
C63,70	CAPACITOR, CERAMIC, 1000PF, 20%, 50V, AX T/R	152 086 91	U3,27,28	OPTO, COUPLER, DUAL, ILD-2	370 017 90
C66	CAPACITOR, CERAMIC, .047UF, 20% 50V, AX T/R	152 084 91	U4,13-15,18,19,22	OPTO, COUPLER, TRIAC, MOC3010	370 011 90
C69	CAPACITOR, ELECTRO, RD 220UF, 16V, T/R	156 021 91	U5,12,16,17,23,24	OPTO, COUPLER, TRIAC, MOC3031	370 012 90
			U7	VREG, +5.0V/3A, TO-3, LM323	488 003 90
CR1-19,21-24,26,33	DIODE, SW, 100V, 100MA, 1N4148	480 033 91	U8,9,32,42,58,74	IC, LATCH, OCTL, TRANSISTOR, 74HC573	320 309 90
CR20	DIODE, ZEN, 7.5V, 1N755A, T/R	480 019 90	U20	IC, DRVR, DARL, 7-OUT, HIN, ULN2004	320 324 90
CR25	RECTIFIER, SIL, 100V, 1.0A, 1N4002, T/R	484 022 91	U21	OPTO, COUPLER, HIGH SPEED, 6N137	370 015 90
CR27-30	DIODE, SCHOTT, 30V, 1A, 1N5818	480 059 91	U25,26	OPTO, COUPLER, DARL, 6N139	370 007 90
CR31,32	RECTIFIER, SIL, 3A, 100V, 1N5401	484 038 90	U29	IC, F/F, HEX D, W/CLR, 74HC174	320 268 90
D1	VRISTR, 47V/1.8J/250A, V47ZA1	483 009 90	U30	IC, NAND, DUAL, 4-IN, 74HC20	320 270 90
D2	SUPPRESSOR, VOLTAGE, 5V/5W, 1N6373, TR	483 010 91	U31,41,53	IC, BUF/DRVRQUAD, 74HC126	320 321 90
D3	SUPPRESSOR, VOLTAGE, 12V/5W, 1N6376, T/R	483 011 91	U33,35,37,39,44,45	IC, OCTAL, D F/F, TRI, 74HC574	320 262 90
DS1	EMITTER, LED, RED, SUPER BRIGHT	371 008 90	U34,36,38,52,55	IC, DRVR, DARL, 7-OUT, ULN2003	320 132 90
E1-5	CONNECTOR, HDR, PCB, 10-PIN, UNSHROUDED	211 015 90	U40	OPTO, COUPLER, QUAD, ILQ2	370 024 90
E6-9,14-17	WAFER, STRIP, 3-PIN	219 354 90	U46,50	IC, F/F, DUAL, D 74HC74	320 271 90
E10	WIRE, BUSS, BAR22, SIM-BELD, 80210	612 004 90	U47	IC, GATE, QUAD, 2NP, NAND, 74HC00	320 238 90
F1	SUPPRESSOR, CURRENT, 0.75A, RXE050	483 027 90			
			U48	IC, GATE, OR, QUAD 2-IN, 74HC32	320 275 90
J1	CONNECTOR, DIN, 64-PIN, RTA, MALE	215 009 90	U49	IC, INVERTER, HEX, 74HC04	320 272 90
J2	CONNECTOR, DIN, 32-PIN, RTA, MALE	215 023 90	U51	IC, GATE, NOR, QUAD, 2-IN, 74HC02	320 294 90
J3	WAFER, RD.WIRE, 6-PIN, MOLEX2403	219 013 90	U54,84	IC, F/F, DUAL, JK, RES 74HC107	320 291 90
K1-3,5	RELAY, SSR, 120VAC, 1A, SIP	454 038 90**	U56	IC, GATE, AND, QUAD, 2-IN, 74HC08	320 273 90
K1-6	RELAY, SSR, 120VAC, 1A, SIP	454 038 90*	U57	MICROPROCESSOR, 12MHZ, 40P, DIP, 80C32	327 018 90
Q1,3-8,12,13	TRIAC, 0.8A, 200V, TO92, L201E3	482 021 91	U59	IC, SCHMIT/TRIG, HX/INV, 74HC14	320 266 90
Q2, 9-11	TRIAC, 8A, 250V, MAC8D	482 015 90	U60	IC, HEX, INVERTER, 74AC04	320 421 90
Q14-15,20	TRANSISTOR, NPN, GEN, PURP, 2N3904 T/R	481 017 91	U61	IC, CONTR, BIN, SYNC, 4BIT, 74HC161	320 267 90
Q16-17,21-24	TRANSISTOR, PNP, GEN, PURP, 2N3905 T/R	481 018 91	U62	IC, GATE, TRI, 3-IN, 74HC10	320 255 90
Q18	TRANSISTOR, NPN, DARLINGTON, 2A, 2N6724	481 077 90			
			U63,64	IC, DCDR, 3 TO 8 LINE, 74HC138	320 274 90
R1,2,99,101	RESISTOR, CF, 510 OHM, .25W, T/R	474 021 91	U65	RAM, STATIC, CMOS, 32KX8, 15ONS LP	706 033 90
R3,5,7,11,12,14,16	RESISTOR, CF, 100 OHM, .25W, T/R	474 002 91	U68-71	IC, REGR, SHFT, 8-BIT, 74HC166	320 269 90
R4,6,8,10,13,15,17,20	RESISTOR, CF, 1K OHM, .25W, T/R	474 023 91	U72	IC, SOUND, GEN, GAMES, AY38912	320 089 90
R18,19,21,23,24,26,28	RESISTOR, CF, 100 OHM, .25W, T/R	474 002 91	U75	IC, DUART, 2681A, 28-PIN	321 006 90
R22,25,27,29,31,41,42	RESISTOR, CF, 1K OHM, .25W, T/R	474 023 91	U76	IC, CRT, CONTROL, R6545AP	321 002 90
R30,53,54	RESISTOR, CF, 100 OHM, .25W, T/R	474 002 91	U82	IC, SUPERVISORY, MAX695	320 403 90
R32-34,36,37,39,49,58	RESISTOR, CF, 10K OHM, .25W, T/R	474 026 91	U83	IC, PROG, VOLTAGE, REF, ICL8211	320 248 90
R35,38,62-64	RESISTOR, CF, 390 OHM, .25W, T/R	474 006 91	U85-88	RAM, STATIC, 1KX4, 200NS	706 012 90
R40	RESISTOR, CF, 15K OHM, .25W, T/R	474 027 91	U89	IC, AUDIO, POWER, 1.5W, LM388	324 004 90
R43,52	RESISTOR, CF, 1.5K OHM, .25W, T/R	474 001 91	Y1	CRYSTAL, 3.6864, MHZ, HC-18/U	230 123 90
R44,51,84,98	RESISTOR, CF, 470 OHM, .25W, T/R	474 020 91	Y2	CRYSTAL, 20.0, MHZ, HC-18	230 120 90
R45	RESISTOR, ZERO, OHM, JUMPER, 1/8W, AX TR	479 010 91			
R46,55,56,108	RESISTOR, CF, 3K OHM, .25W, T/R	474 005 91			

*757 034 07 only
**757 034 08 only

- 9 INDICATED COMPONENTS MAY NOT BE USED ON ALL ASSEMBLIES.
- 10 SEE INSTRUCTION 82412400 (OPTIONAL)
- 11 SEE INSTRUCTION 82412500 (OPTIONAL)



STRAP OPTIONS

JUMPER	E6	E7
RXDB (SER)	X	X
1P2	X	
TXDB (SER)	E8	E9
0P2	X	X
EPROM 256K	E14	E15
EPROM 512K	X	X
STANDARD MODE	E16	E17
SUPER MODE	X	X

SEE JUMPER CHART FOR VERSIONS

JUMPER	E10	E11
VERSION 04	X	
VERSION 05	X	
VERSION 06		X
VERSION 07	X	