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4	INTELLON		MANUFACTURER'S			REFERENCE	
ITEM	PART NO	REV	PART NO	PART DESCRIPTION	QTY	DESIGNATION	MANUFACTURER
1	60002755	3		SCHEMATIC, RD5500-ETH SIMPLE ADAPTER PCB	REF		INTELLON
2	70002755	3		ASSEMBLY, RD5500-ETH SIMPLE ADAPTER PCB	REF		INTELLON
3	80002755	3		FAB SPEC, RD5500-ETH SIMPLE ADAPTER PCB	1		PER PRINT
4							
5							
6	CAPS-00495		C1206X5R100-106KNE		8	C1,C3,C4,C8,C23,C30,C33,C34	VENKEL CORP
7	CAPS-00223		C0603Z5U250-104MNE	0.1 UF 25V 20% Z5U 0603 CAP CER SMT	16	C2,C5,C6,C7,C9,C11,C12,C17,C18,C19,C20,C25,C27,C36,C40,C44	VENKEL CORP
8	CAPS-00156		C0603X7R250-103KNE	0.01 UF 25V 10% X7R 0603 CAP CER SMT	1	C10	VENKEL CORP
9	CAPS-00496		UHE1A681MPD	680 UF 10V 20% 105°C HE SERIES RADL	2	C22,C24	NICHICON
10	CAPS-00497		UHE0J122MPD	1200 UF 6.3V 20% 105°C HE SERIES RADL	4	C26,C31,C32,C35	NICHICON
11	CAPS-00381		ECQ-U2A103ML	0.01 UF 250/275VAC ECQ-UL RADL	1	C28	PANASONIC
12							
13	CAPS-00466		ECA-2WHG4R7	4.7 UF 450V 20% NHG RADL	2	C37,C38	PANASONIC
14	CAPS-00465		ECK-DNA222ME	2200 PF 250V 20% Y5U SAFETY DISC-RADL	1	C39	PANASONIC
15	CAPS-00477		ECQ-U2A472ML	0.0047 UF 250/275VAC ECQ-UL RADL	1	C41	PANASONIC
16	CAPS-00025		ECQ-V1H104JL	0.1 UF 50V 5% RADL CAP METAL FILM	1	C42	PANASONIC
17	CAPS-00501		UVZ0J220MDD	22 UF 6.3V 20% ELECT VZ RADIAL	1	C43	NICHICON
18	CAPS-00515		ECC-D3A680JGE	68 PF 1KV 5% CER DISC	1	C45	PANASONIC
19	CAPS-00512		C0603COG500-360JNE	36 PF 50V 5% COG 0603 CAP CER SMT	2	C46,C47	VENKEL CORP
20							
21							
22	LAMP-00015		SML-LX23SRC-TR	LED SUPER RED WATER CLEAR SMD	4	D1,D2,D3,D4	LUMEX
23							
24							
25	DIOD-00060		UF1002-T	1 A 100V ULTRA-FAST DO-41	2	D5,D6	DIODES
26	DIOD-00077		HD06-T	800 MA 600V RECT, BRIDGE MIN-DIP	1	D7	DIODES INC.
27	DIOD-00076		1N5821	DIODE SCHOTTKY 30V 3A DO-201AD	1	D8	DIODES INC.
28							
29	DIOD-00005		1N4004	1 AMP 400 VOLT MINIATURE RECTIFIER AXIL	1	D10	DIODES
30							
31							
32							
33	ICKT-00341		LVR008S	POLY SWITCH 240VAC .08A HOLD	1	F1	RAYCHEM CORP./POLY SWITCH
34							
35							
36	CONN-00241		RJ45-8N-B	MOD RJ45 W/FERRITE BLOCK, R/A PC. MT	1	J1	CORCOM
37	10002822-01	4	10002822-01	INT55MX SIMPLE MODULE W/HS LINE DRIVER, VERTICAL MOUNT	1	J2	INTELLON
38							
39							
40	INDS-00197		CTCB0805-601S	600 OHM 100 MHz 200 MA 0805 BEAD	2	L1,L2	CENTRAL TECHNOLOGIES
41	INDS-00221		NLCV32T-4R7M-PF	4.7 UH 20% 430MA 1210 HIGH CURRENT	3	L3,L4,L6	TDK CORPORATION OF AMERICA
42	INDS-00219		7356-V	22 MH .27A DCR MAX 4.0 VERT.	1	L5	JW MILLER MAGNETICS
43	INDS-00077		09P-101J-50	100 UH 5% RADIAL 790 MA FIXED IND	1	L7	XICON FASTRON/HI-Q MAGNETICS
44	INDS-00230		LI0402E600R-00	60 OHM 100 MHz 500 MA 0402 BEAD	2	L8,L9	STEWART
45							
46							
47	PROT-00033		ERZ-V07D471	470 V 1250 AMP D-TYPE ZADL MOV	1	MOV1	PANA
48							
49							
50	TRAN-00073		MPS650	NPN 40V 2A TRANSISTOR TO-92	1	Q1	ON SEMICONDUCTOR
51							
52							
53	REST-00204		CR0603-16W-102JT	1 K 5% 1/16W 0603 RES SMT	1	R6	VENKEL CORP
54	REST-00642		CR0603-16W-49R9FT	49.9 OHM 1% 1/16W 0603 RES SMT	4	R8,R9,R10,R11	VENKEL CORP
55	REST-00392		CR0603-16W-472JT	4.7 K 5% 1/16W 0603 RES SMT	2	R12,R18	VENKEL CORP
56	REST-00668		CR0603-16W-75R0FT	75.0 OHM 1% 1/16W 0603 RES SMT	4	R19,R20,R21,R22	VENKEL CORP
57	REST-00331		CR0603-16W-271JT	270 OHM 5% 1/16W 0603 RES SMT	4	R23,R24,R25,R26	VENKEL CORP
58	REST-00361		CR0603-16W-332JT	3.3 K 5% 1/16W 0603 RES SMT	6	R27,R43,R45,R46,R47,R48	VENKEL CORP
59							
60	REST-00742		CFR-50JB-2M0	2.0 M 5% 1/2W AXIL RES CARB FILM	1	R29	YAGEO

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ITEM	PART NO	REV	PART NO	PART DESCRIPTION	QTY	DESIGNATION	MANUFACTURER
61							
62	REST-00150		CR0805-10W-680JT	68 OHM 5% 1/10W 0805 RES SMT	1	R31	VENKEL CORP
63	REST-00365		CR0603-16W-151JT	150 OHM 5% 1/16W 0603 RES SMT	1	R32	VENKEL CORP
64	REST-00748		CR0603-16W-4751FT	4.75 K OHM 1% 1/16W 0603 RES SMT	1	R33	VENKEL CORP
65	REST-00753		5083NW120K0J12AFX	120K 5% 2W NON-FLAMMABLE METAL FILM	1	R34	BC COMPONENT
66	REST-00609		CR1206-4W-204JT	200 K 5% 1/4W 1206 RES SMT	2	R35,R39	VENKEL CORP
67	REST-00045		CF 1/4 4.7K 5%	4.7 K 5% 1/4W AXIL RES CARB FILM	1	R36	SEI ELECTRONICS
68	REST-00498		CR0603-16W-1002FT	10.0 K 1% 1/16W 0603 RES SMT	3	R37,R41,R44	VENKEL CORP
69	REST-00279		CR0603-16W-511JT	510 OHM 5% 1/16W 0603 RES SMT	1	R38	VENKEL CORP
70	REST-00750		CR0603-16W-1692FT	16.9 K 1% 1/16W 0603 RES SMT	1	R40	VENKEL CORP
71	REST-00129		CR0603-16W-103JT	10 K 5% 1/16W 0603 RES SMT	1	R42	VENKEL CORP
72	REST-00419		CR0603-16W-000JT	0 OHM 5% 1/16W JUMPER 0603 RES SMT	2	R49,R50	VENKEL CORP
73	REST-00770		CR2010-2W-471JT	470 OHM 1/2W 5% 2010 SMD	1	R51	VENKEL CORP
74	REST-00328		CR0603-16W-301JT	300 OHM 5% 1/16W 0603 RES SMT	1	R52	VENKEL CORP
75	REST-00157		CR0603-16W-104JT	100 K 5% 1/16W 0603 RES SMT	1	R54	VENKEL CORP
76							
77							
78	ICKT-00342		H1102	10/100 BASE-T LAN MAGNETICS SO16	1	T1	PLUSE ENGINEERING
79	TFMR-00050		LPSA20205	PWR 3W 1.8V@.5A 3.3V@.5A 5V@.09A UNIV INPUT	1	T2	LI-SHIN ENTERPRISES
80	20002905	1	20002905	XFMR TWISTED PR 3 TURN SINGLE 4 TURN	1	T3	INTELLON
81							
82							
83	ICKT-00285		AC101LKQT	3.3V 10 BAS T/100 PHYCEIVER	1	U1	BROADCOM
84	ICKT-00370		TLV431CLP	LV ADJ PRECISION SHUNT REG TO226/TO92	2	U2,U6	TEXAS INSTRUMENTS
85	ICKT-00268		LTV-817	OPTO-COUPLER 1 CHANNEL DIP-4	1	U3	LITE-ON
86	ICKT-00339		TNY264P	6W (85-265VAC) (9W 230 VAC) DIP-8B	1	U4	POWER INTEGRATIONS INC.
87	ICKT-00335		PS2561-1-V	OPTO-COUPLER 1 CHAN TRANS OUT DIP-4	1	U5	NEC
88	ICKT-00290		LM809M3-2.93	2.93 V RESET CIRCUIT SOT-23-3	1	U7	NATIONAL SEMICONDUCTOR
89							
90							
91	CTAL-00048		EC1SM-25.000	25 MHz, CL=18pF, ESR=40 1 mW	1	Y1	ECLIPTEK
92							
93	HDWM-00165		WIT-18R-UVBC	4.5" BLK UV_NYLON TIE WRAP	1	USED ON J1	RICHCO
94	HDWM-00101		RTV TYPE 162 UL	SEALANT ADHESIVE, UL, RTV TYPE	A/R	USED ON T3	GC ELECTRONICS
95	HDWM-00110		HS-105-1/2"	HEAT SHRINK, HS-105-1/2"	.5"	USED ON C37	RICHCO
96							
97			NOTES: UNLESS OTHERWISE SPECIFIED:				
98		1)	CIRCUIT SENSITIVE DEVICES – SUBSTITUTION NOT RECOMMENDED: SEE ITEMS ABOVE IN BOLD RED TYPE				
99		2)	THESE COMPONENTS ARE NOT INSTALLED:				
100	CAPS-00490		ECK-D3A222KBP	2200 PF 1KV 10% Y5P CER DISC	0	C29	PANASONIC
101	DIOD-00075		1N4937	RECTIFIER FST REC 600V 1A DO-41	0	D9	DIODES INC.
102	REST-00204		CR0402-16W-102JT	1 K 5% 1/16W 0603 RES SMT	0	R2,R3,R4,R5	VENKEL CORP
103	REST-00392		CR0603-16W-472JT	4.7 K 5% 1/16W 0603 RES SMT	0	R14,R15,R16,R17	VENKEL CORP
104	REST-00741		CFR-50JB-330K	330 K 5% 1/2W AXIL RES CARB FILM	0	R28	YAGEO
105	REST-00419		CR0603-16W-000JT	0 OHM 5% 1/16W JUMPER 0603 RES SMT	0	R53	VENKEL CORP
106	DIOD-00079		GBLC05C	5V 350W LOW CAP BI DIR TVS SMD	1	D13	PROTEK DEVICES
107	REST-00715		CFR-50JB-100R	100 OHM 5% 1/2W AXIL RES	1	R30	YAGEO AMERICA
108		3)	BOARD OBJECTS:				
109	BOTP-00001			TEST POINT - 40PT	6	TP1,TP2,TP3,TP4,TP5,TP6	
110	CONN-00XX2		PADS	PCB PADS FOR AC IN	1	J3	
111	MNTG-00010			MTG HOLE - 225PT	4	H1,H2,H3,H4	
112							
113							
114							
115							
116							
117							