

REVISION APPROVAL <table border="1" style="width: 100%; border-collapse: collapse; margin-bottom: 5px;"> <tr> <td style="width: 15%;">REV:</td> <td style="width: 15%;">2</td> <td style="width: 20%;">CHECKED:</td> <td style="width: 20%;"></td> <td style="width: 15%;">DATE:</td> <td style="width: 25%;"></td> </tr> <tr> <td>ECO#:</td> <td>1752</td> <td>CONF. MGMT:</td> <td></td> <td>DATE:</td> <td></td> </tr> <tr> <td colspan="2">DESCRIPTION:</td> <td colspan="4">ADDED UL, FCC RECOMMENDATIONS</td> </tr> </table>					REV:	2	CHECKED:		DATE:		ECO#:	1752	CONF. MGMT:		DATE:		DESCRIPTION:		ADDED UL, FCC RECOMMENDATIONS			
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NOTES: UNLESS OTHERWISE SPECIFIED;																						
1) 2) 3)																						
APPLICATIONS					 INTELLON CORPORATION 5100 West Silver Springs Blvd. Ocala, Florida 34482 http://www.intellon.com PH: (352) 237-7416 FAX: (352) 237-7616																	
NEXT ASSY	USED ON																					
	13002803	ORIGINAL ISSUE APPROVAL																				
		DRAWN:	SLP	DATE:			3/29/05															
		CHECKED:		DATE:																		
		ENG APPRV:		DATE:																		
		PROD APPRV:		DATE:																		
		CONF. MGMT:		DATE:																		
		BILL OF MATERIAL RD5500-ETH SIMPLE ADAPTER PCB																				
		DWG NO:		10002755	REV 2																	

2	INTELLON		MANUFACTURER'S			REFERENCE	
ITEM	PART NO	REV	PART NO	PART DESCRIPTION	QTY	DESIGNATION	MANUFACTURER
1	60002755	2	60002755	SCHEMATIC, RD5500-ETH SIMPLE ADAPTER PCB	REF		INTELLON
2	80002755	2	80002755	FAB SPEC, RD5500-ETH SIMPLE ADAPTER PCB	1		PER PRINT
3	70002755	2	70002755	ASSEMBLY, RD5500-ETH SIMPLE ADAPTER PCB	REF		INTELLON
4							
5							
6	CAPS-00495		C1206X5R100-106KNE	10 UF 10V 10% X5R 1206 CER	8	C1, C3, C4, C8, C23, C30, C33, C34	VENKEL CORP.
7	CAPS-00223		C0603Z5U250-104MNE	.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							
9	CAPS-00156		C0603X7R250-103KNE	.01 UF 25V 10% X7R 0603 CAP CER SMT	1	C10	VENKEL CORP.
10	CAPS-00496		UHE1A681MPD	680 UF 10V 20% 105°C HE SERIES RADL	2	C22, C24	NICHICON
11	CAPS-00497		UHE0J122MPD	1200 UF 6.3V 20% 105°C HE SERIES RADL	4	C26, C31, C32, C35	NICHICON
12	CAPS-00381		ECQ-U2A103ML	.01 UF 250/275VAC ECQ-UL RADL	1	C28	PANASONIC
13	CAPS-00502		ECK-A3A222KBP	2200 PF 1KV 10% Y5P CERM DISC	1	C29	PANASONIC
14	CAPS-00466		ECA-2WHG4R7	4.7 UF 450V 20% NHG RADL	2	C37, C38	PANASONIC
15	CAPS-00503		ECK-ANA222ME	2200 PF 250V 20% Y5U SAFETY DISC-RADL	1	C39	PANASONIC
16	CAPS-00477		ECQ-U2A472ML	.0047 UF 250/275VAC ECQ-UL RADL	1	C41	PANASONIC
17	CAPS-00025		ECQ-V1H104JL	.1 UF 50V 5% RADL CAP METAL FILM	1	C42	PANASONIC
18	CAPS-00501		UVZ0J220MDD	22 UF 6.3V 20% ELECT VZ RADIAL	1	C43	NICHICON
19							
20							
21	LAMP-00015		SML-LX23SRC-TR	LED SUPER RED WATER CLEAR SMD	4	D1, D2, D3, D4	LUMEX
22	DIOD-00060		UF1002-T	1 A 100V ULTRA-FAST DO-41	2	D5, D6	DIODES INC.
23	DIOD-00077		HD06-T	800 MA 600V RECT, BRIDGE MIN-DIP	1	D7	DIODES INC.
24	DIOD-00076		1N5821	DIODE SCHOTTKY 30V 3A DO-201AI	1	D8	DIODES INC.
25	DIOD-00075		1N4937	RECTIFIER FST REC 600V 1A DO-41	1	D9	DIODES INC.
26	DIOD-00005		1N4004	1 AMP 400 VOLT MINIATURE RECTIFIER AXIL	1	D10	DIODES INC.
27	DIOD-00079		GBLC05C	5V 350V LOW CAP BI DIR TVS SMD	1	D13	PROTEK DEVICES
28							
29							
30	ICKT-00341		LVR008S	POLYSWITCH 240VAC .08A HOLI	1	F1	RAYCHEM CORP./POLYSWITCH
31							
32							
33	CONN-00241		RJ45-8N-B	MOD RJ45 W/FERRITE BLOCK, R/A PC. MT	1	J1	CORCOM/ TYCO
34	10002754-01	2	10002754-01	INT55MX SIMPLE MODULE, VERTICAL MOUNT	1	J2	INTELLON
35							
36	INDS-00197		CTCB0805-601S	600 OHM 100 MHz 200 MA 0805 BEAD	2	L1, L2	CENTRAL TECHNOLOGIES
37	INDS-00221		NLCV32T-4R7M-PF	4.7 UH 20% 430MA 1210 HIGH CURRECT	3	L3, L4, L6	TDK CORPORATION OF AMERICA
38	INDS-00161		PMCU4220	22 MH .25A CHOKE	1	L5	PREMIER MAGNETICS
39	INDS-00077		434-01-101J	100 UH 5% RADAL 790 MA FIXED IND	1	L7	XICON FASTRON /HI-Q MAGNETICS
40	PROT-00033		ERZ-V07D471	470 V 1250 AMP D-TYPE ZADL MOV	1	MOV1	PANASONIC
41							
42							
43	TRAN-00073		MPS650	NPN SS 40V 2A TO92	1	Q1	ON SEMI
44							
45							
46							
47	REST-00188		CR0603-16W-102JT	1 K 5% 1/16W 0603 RES SMT	1	R6	VENKEL CORP
48	REST-00522		CR0603-16W-49R9FT	49.9 OHM 1% 1/16W 0603 RES SMT	4	R8, R9, R10, R11	VENKEL CORP
49	REST-00192		CR0603-16W-472JT	4.7 K 5% 1/16W 0603 RES SMT	2	R12, R18	VENKEL CORP
50	REST-00668		CR0603-16W-75R0FT	75.0 OHM 1% 1/16W 0603 RES SMT	4	R19, R20, R21, R22	VENKEL CORP
51	REST-00331		CR0603-16W-271JT	270 OHM 5% 1/16W 0603 RES SMT	4	R23, R24, R25, R26	VENKEL CORP
52	REST-00361		CR0603-16W-332JT	3.3 K 5% 1/16W 0603 RES SMT	6	R27, R43, R45, R46, R47, R48	VENKEL CORP
53	REST-00741		CFR-50JB-330K	330 K 5% 1/2W CARB AXIAL	1	R28	YOGEO
54	REST-00742		CFR-50JB-2M0	2.0 M 5% 1/2W CARB AXIAL	1	R29	YOGEO
55	REST-00743		CFR-50JB-100R	100 OHM 5% 1/2W CARB AXIAL	1	R30	YOGEO
56	REST-00150		CR0805-10W-680JT	68 OHM 5% 1/10W 0805 RES SMT	1	R31	VENKEL CORP
57	REST-00365		CR0603-16W-151JT	150 OHM 5% 1/16W 0603 RES SMT	1	R32	VENKEL CORP
58	REST-00748		CR0603-16W-4751FT	4.75 K OHM 1% 1/16W 0603 RES, SMT	1	R33	VENKEL CORP
59	REST-00753		5083NW120K0J12AF3	120 K 5% 2W Non-flammable AXIAL	1	R34	PHOENIX

2	INTELLON		MANUFACTURER'S			REFERENCE	
ITEM	PART NO	REV	PART NO	PART DESCRIPTION	QTY	DESIGNATION	MANUFACTURER
60	REST-00609		CR1206-4W-204JT	200 K 5% 1/4W 1206 RES SMT	2	R35, R39	VENKEL CORP
61	REST-00045		CF 1/4 4.7K 5%	4.7 K 5% 1/4W AXIL RES CARB FILM	1	R36	SEI ELECTRONICS
62	REST-00498		CR0603-16W-1002FT	10.0 K 1% 1/16W 0603 RES SMT	3	R37, R41, R44	VENKEL CORP
63	REST-00279		CR0603-16W-511JT	510 OHM 5% 1/16W 0603 RES SMT	1	R38	VENKEL CORP
64	REST-00750		CR0603-16W-1692FT	16.9 K 1% 1/16W 0603 RES SMT	1	R40	VENKEL CORP
65	REST-00129		CR0603-16W-103JT	10 K 5% 1/16W 0603 RES SMT	1	R42	VENKEL CORP
66	REST-00209		CR0603-16W-000JT	0 OHM 5% 1/16W JUMPER 0603 RES SMT	2	R49, R50	VENKEL CORP
67							
68	HDWM-00165		WIT-18R-UVBC	4.5" BLK UV ,NYLON TIE WRAP	1	USED ON J1	RICHCO
69	HDWM-00101		RTV TYPE 162 UL	SEALANT ADHESIVE, UL, RTV TYPE	A/R	USED ON T3	GC ELECTRONICS
70	HDWM-00110		HS-105-1/2"	HEAT SHRINK, HS-105-1/2"	.5"	USED ON C37	RICHCO
71							
72	ICKT-00342		H1102	10/100 BASE-T LAN MAGNETICS SO16	1	T1	PLUSE ENGINEERING
73	TFMR-00050		LSPA20205	POWER TRANSFORMER	1	T2	Li Shin INTERNATIONAL
74	20002709	1	20002709	COUPLING XFORMER	1	T3	INTELLON
75							
76	ICKT-00285		AC101LKQT	3.3V 10 BAS T/100 PHYCEVER	1	U1	BROADCOM
77	ICKT-00370		TLV431CLP	LV ADJ PRECISION SHUNT REG TO226/TO92	2	U2, U6	TEXAS INSTRUMENTS
78	ICKT-00340		LTV-817	OPOISOLATOR 1CH SMD-4	1	U3	LITE-ON
79	ICKT-00339		TNY264P	6W (85-265VAC) (9W 230 VAC)	1	U4	POWER INTEGRATIONS, INC.
80	ICKT-00335		PS2561-1-V	OPTO COUPLER 1 CHAN TRANS OUT DIP-4	1	U5	NEC
81	ICKT-00290		LM809M3-2.93	2.93 V RESET CIRCUIT SOT-23-3	1	U7	NATIONAL SEMICONDUCTOR
82							
83			NOTES: UNLESS OTHERWISE SPECIFIED;				
84		1)	CIRCUIT SENSITIVE DEVICES -- SUBSTITUTION NOT RECOMMENDED: SEE ITEMS ABOVE IN BOLD RED TYPE				
85		2)	THESE COMPONENTS ARE NOT INSTALLED: R2, R3, R4, R5, R14, R15, R16, R17, D11, D12				
86		3)	THESE COMPONENTS ARE NOT USED:				
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