

REVISION APPROVAL <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 15%;">REV:</td> <td style="width: 15%;">4</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>1778</td> <td>CONF. MGMT:</td> <td></td> <td>DATE:</td> <td></td> </tr> <tr> <td colspan="2">DESCRIPTION:</td> <td colspan="4">REMOVE MICTOR</td> </tr> </table>					REV:	4	CHECKED:		DATE:		ECO#:	1778	CONF. MGMT:		DATE:		DESCRIPTION:		REMOVE MICTOR			
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					ECO#:	1778	CONF. MGMT:		DATE:													
					DESCRIPTION:		REMOVE MICTOR															
NOTES: UNLESS OTHERWISE SPECIFIED;																						
1) 2) 3)																						
APPLICATIONS						 INTELLON CORPORATION 5100 West Silver Springs Blvd. Ocala, Florida 34482 PH: (352) 237-7416 FAX: (352) 237-7616 http://www.intellon.com																
NEXT ASSY	USED ON																					
A0002946	10002821	ORIGINAL ISSUE APPROVAL																				
		DRAWN:	SLP	DATE:	4/13/05																	
		CHECKED:		DATE:																		
		ENG APPRV:		DATE:																		
		PROD APPRV:		DATE:																		
		CONF. MGMT:		DATE:																		
BILL OF MATERIAL EK55MX-DC SIMPLE MODULE TEST BOARD																						
		DWG NO:	10002794			REV 4																

4 ITEM	INTELLON PART NO	REV	MANUFACTURER'S PART NO	PART DESCRIPTION	QTY	REFERENCE DESIGNATION	MANUFACTURER
1	60002794	3	60002794	SCHEMATIC, INT55MX SIMPLE MODULE TEST BOARD	REF		INTELLON
2	80002794	1	80002794	FAB SPEC, INT55MX SIMPLE MODULE TEST BOARD	1		PER PRINT
3	70002794	2	70002794	ASSEMBLY, INT55MX SIMPLE MODULE TEST BOARD	REF		INTELLON
4							
5							
6	CAPS-00348		C0603X7R500-104KNE	.1 UF 50V 10% X7R 0603 CER SMT	14	C13,C28,C32,C100,C101,C102,C103,C104,C123,C125, C126,C200,C201,C509	VENKEL CORP.
7							
8	CAPS-00448		ECJ-3YB1C106M	10 UF 16V 20% X5R 1206 CER SMT	8	C106,C107,C114,C115,C116,C117,C122,C202	PANASONIC
9	CAPS-00453		EEU-FC1C471L	470 UF 16V 20% 105c LOW ESR CAP ALUM ELEC	4	C108,C110,C127,C130	PANASONIC
10	CAPS-00491		UHE0J122MPD6	1200 UF 6.3V 20% (HE) RADL	4	C109,C111,C120,C121	PANASONIC
11	CAPS-00262		C0603X7R500-471KNE	470 PF 50V 10% X7R 0603 CAP CER SMT	2	C112,C113	VENKEL CORP.
12	CAPS-00272		C0603X7R500-102KNE	1000 PF 50V 10% X7R 0603 CAP CER SMT	2	C118,C119	VENKEL CORP.
13							
14							
15	LAMP-00016		SSF-LXH103SRD	LED 3MM PC MT. SUP BRT. RED.	1	DS100	LUMEX
16	LAMP-00022		SSF-LXH103GD	LED 3MM PC MT. DEF. GREEN	2	DS101,DS102	LUMEX
17							
18							
19	DIOD-00076		1N5821	DIODE SCHOTTKY 30V 3A DO-201AI	2	D100, D101	DIODES INC.
20	DIOD-00081		1N4745A	1W ZENER AXIL	1	D500	DIODES INC.
21							
22							
23							
24	CONN-00245		DC-003	4-POS POWER SOCKET, RT. PCB MT	1	J500	POWER DYNAMICS
25							
26							
27	INDS-00145		NLC453232T-100K	10 UH 10% 1812 550 MA HIGH CURRENT	3	L100,L104,L107	TDK CORPORATION OF AMERICA
28	INDS-00193		CDRH127-121MC	120 UH 1.6A SMT PWR IND	2	L101,L102	SUMIDA
29	INDS-00001		NLC453232T-1R8K	1.8 UH 10% 1812 900 MA LARGE CURRENT IND SMT	2	L103,L105	TDK CORPORATION OF AMERICA
30	REST-00261		CR1206-8W-000JT	0 OHM 5% 1/8W JUMPER 1206 RES SMT	4	L500,L501,L502,L503	VENKEL CORP
31							
32							
33	CONN-00187		039-3538-002A	ZIF TEST SOCKET	1	P1	TACTIC ELECTRONICS
34	CONN-00188		TSW-117-07-G-D-003	34 PIN MALE DUAL ROW .100 KEYED TERMINAL STRIP CONNECTOR	1	P2	SAMTEC
35	WIRE-00044		20 TC	#20 GA TIN PLATED BUSS WIRI	1	P3	CONSOL
36							
37							
38	REST-00129		CR0603-16W-103JT	10 K 5% 1/16W 0603 RES SMT	6	R7,R12,R18,R19,R20,R21	VENKEL CORP
39	REST-00763		ERJ-1TRQJR22U	22 OHM 5% 1W 2512 RES SMT	2	R100,R104	PANASONIC
40	REST-00499		CR0603-16W-1102FT	11.0 K 1% 1/16W 0603 RES SMT	1	R108	VENKEL CORP
41	REST-00767		CR0603-16W-1242FT	12.4 K 1% 1/16W 0603 RES SMT	1	R109	VENKEL CORP
42	REST-00758		CR0603-16W-1822FT	18.2 K 1% 1/16W 0603 RES SMT	1	R110	VENKEL CORP
43	REST-00768		CR0603-16W-5361FT	5.36 K 1% 1/16W 0603 RES SMT	1	R111	VENKEL CORP
44	REST-00134		CR0603-16W-220JT	22 OHM 5% 1/16W 0603 RES SMT	4	R112,R113,R114,R115	VENKEL CORP
45	REST-00336		CR0603-16W-391JT	390 OHM 5% 1/16W 0603 RES SMT	1	R126	VENKEL CORP
46	REST-00331		CR0603-16W-271JT	270 OHM 5% 1/16W 0603 RES SMT	2	R128,R129	VENKEL CORP
47	REST-00590		CR0603-16W-1621FT	1.62 K 1% 1/16W 0603 RES SMT	1	R132	VENKEL CORP
48	REST-00618		CR0603-16W-1212FT	12.1 K 1% 1/16W 0603 RES SMT	1	R133	VENKEL CORP
49							
50							
51	20002923	1	20002923	TRANSFORMER, DC WALL COUPLER, QUADFILER	1	T500	INTELLON
52							
53							
54							
55	ICKT-00290		LM809M3-2.93	2.93 V RESET CIRCUIT SOT-23-3	1	U3	NATIONAL SEMICONDUCTOR
56	ICKT-00351		SN74LVC1G04	SINGLE INVERTER-GATE SOT-23-:	1	U5	TEXAS INSTRUMENTS
57	ICKT-00312		MC34063AP1	1.5 A STEP-UP/DOWN INV SWITCHING REG DIP-8	2	U100,U101	ON SEMICONDUCTOR
58	ICKT-00300		LM111TT-ADJ	ADJ V 800 MA REG TO-220	1	U102	NATIONAL SEMICONDUCTOR
59							
60							
61	HDWM-00012			#4/40 X 1/4" S/S PH PHILIPS SCREW	1		QPL
62	HDWM-00017			#4 S/S EXT TOOTH STAR WASHER	1		QPL
63	HDWM-00009		NSPSS4C	#4/40 S/S SMALL PATTERN HEX NUT,	1		QPL
64							
65	NOTES: UNLESS OTHERWISE SPECIFIED;						
66	1)	CIRCUIT SENSITIVE DEVICES -- SUBSTITUTION NOT RECOMMENDED:					
67	2)	THESE COMPONENTS ARE NOT INSTALLED:					R200,R201,R202,R203,R204,R205,R206,R207,R208,R209,R210, J1
68	3)	THESE COMPONENTS ARE NOT USED:					
69							