

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%; text-align: center;">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 style="text-align: center;">1752</td> <td>CONF. MGMT:</td> <td></td> <td>DATE:</td> <td></td> </tr> <tr> <td colspan="2">DESCRIPTION:</td> <td colspan="4">CHANGE R1 & R8</td> </tr> </table>					REV:	2	CHECKED:		DATE:		ECO#:	1752	CONF. MGMT:		DATE:		DESCRIPTION:		CHANGE R1 & R8			
					REV:	2	CHECKED:		DATE:													
					ECO#:	1752	CONF. MGMT:		DATE:													
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NOTES: UNLESS OTHERWISE SPECIFIED;																						
1) 2) 3)																						
APPLICATIONS																						
NEXT ASSY	USED ON																					
		ORIGINAL ISSUE APPROVAL																				
		DRAWN:	SLP	DATE:	3/17/05																	
		CHECKED:		DATE:																		
		ENG APPRV:		DATE:																		
		PROD APPRV:		DATE:																		
		CONF. MGMT:		DATE:																		
		 INTELLON CORPORATION 5100 West Silver Springs Blvd. Ocala, Florida 34482 PH: (352) 237-7416 FAX: (352) 237-7616 http://www.intellon.com BILL OF MATERIAL INT55MX SIMPLE MODULE HORIZONTAL MOUNT																				
						DWG NO:	10002754-02	REV 2														

2	INTELLON		MANUFACTURER'S			REFERENCE	
ITEM	PART NO	REV	PART NO	PART DESCRIPTION	QTY	DESIGNATION	MANUFACTURER
1	60002754	2	60002754	SCHEMATIC, INT55MX SIMPLE MODULE PCB	REF		INTELLON
2	80002754	1	80002754	FAB SPEC, INT55MX SIMPLE MODULE PCB	1		PER PRINT
3	70002754	1	70002754	ASSEMBLY, INT55MX SIMPLE MODULE PCB	REF		INTELLON
4							
5	CAPS-00495		C1206X5R100-106KNE	10 UF 10V 10% X5R 1206 CER	5	C1, C8, C32, C43, C56	VENKEL CORP.
6	CAPS-00223		C0603Z5U250-104MNE	.1 UF 25V 20% Z5U 0603 CAP CER SMT	27	C2, C3, C5, C6, C9, C10, C11, C12, C16, C17, C22, C23, C27, C28, C29, C31, C36, C37, C38, C39, C40, C41, C42, C45, C53, C54, C69	VENKEL CORP.
7							
8							
9	CAPS-00156		C0603X7R250-103KNE	.01 UF 25V 10% X7R 0603 CAP CER SMT	12	C4, C7, C13, C14, C15, C20, C21, C30, C34, C55, C70, C71	
10							
11	CAPS-00478		C0805X7R250-105KNE	1.0 UF 25V 10% X7R 0805 CER SMT	5	C18, C19, C24, C44, C51	VENKEL CORP.
12	CAPS-00097		C0603COG500-330JNE	33 PF 50V 5% COG 0603 CAP CER SMT	2	C25, C26	VENKEL CORP.
13	CAPS-00451		C0805X5R6R3-106KNE	10 UF 6.3V 10% X5R 0805 CER	2	C35, C72	VENKEL CORP.
14	CAPS-00309		C0603COG500-220JNE	22 PF 50V 5% COG 0603 CER SMT	2	C46, C49	VENKEL CORP.
15	CAPS-00298		C0603COG500-270JNE	27 PF 50V 5% COG 0603 CAP CER SMT	4	C47, C48, C60, C64	VENKEL CORP.
16	CAPS-00134		C0603COG500-271JNE	270 PF 50V 5% COG 0603 CAP CER SMT	2	C57, C66	VENKEL CORP.
17	CAPS-00268		C0603COG500-151JNE	150 PF 50V 5% COG 0603 CAP CER SMT	2	C58, C67	VENKEL CORP.
18	CAPS-00157		C0603COG500-221JNE	220 PF 50V 5% COG 0603 CAP CER SMT	2	C59, C68	VENKEL CORP.
19	CAPS-00246		C0603X7R500-681KNE	680 PF 50V 10% X7R 0603 CAP CER SMT	1	C61	VENKEL CORP.
20	CAPS-00353		C0603COG500-390JNE	39 PF 50V 5% COG 0603 CER SMT	2	C62, C63	VENKEL CORP.
21	CAPS-00245		C0603X7R500-152KNE	1500 PF 50V 10% X7R 0603 CAP CER SMT	1	C65	VENKEL CORP.
22							
23							
24	INDS-00207		CTMC1210-2R2J	2.2 UH 5% 320 MA 1210	1	L1	CENTRAL TECHNOLOGIES
25	INDS-00210		CTMC1008-1R2J	1.2 UH 5% 230 MA 1008	1	L2	CENTRAL TECHNOLOGIES
26							CENTRAL TECHNOLOGIES
27	INDS-00180		CTML0805-4R7K	4.7 UH 10% 0805	2	L3, L4	CENTRAL TECHNOLOGIES
28	INDS-00175		CTML0805-R22K	.22 UH (220NH) 10% 0805	2	L5, L7	CENTRAL TECHNOLOGIES
29	INDS-00177		CTML0805-R68K	.68 UH (680NH) 10% 0805	3	L8, L11	CENTRAL TECHNOLOGIES
30	INDS-00134		CTMC1008-8R2J	8.2 UH 5% 1008 SMT	1	L9	CENTRAL TECHNOLOGIES
31	INDS-00209		CTMC1008-100J	10 UH 5% 155 MA 1008	1	L10	CENTRAL TECHNOLOGIES
32	INDS-00211		PM1008-82NK	82 NH 10% 1000 MA 1008	2	L12, L13	CENTRAL TECHNOLOGIES
33							
34							
35	CONN-00185		DWM-40-52-T-S-200-002	40 PIN MALE SINGLE ROW .050 STACKING MICRO STRIP	1	P1	SAMTEC
36							
37							
38	TRAN-00072		2SB1197KT146Q	PNP 32V 0.8A SOT-346 TRAN	1	Q1	ROHM
39							
40							
41	REST-00331		CR0603-16W-271JT	270 OHM 5% 1/16W 0603 RES SMT	2	R1, R8	VENKEL CORP.
42	REST-00361		CR0603-16W-332JT	3.3 K 5% 1/16W 0603 RES SMT	10	R2, R3, R5, R6, R11, R17, R18, R19, R20, R22	VENKEL CORP.
43	REST-00737		CR0603-16W-105JT	1 MEG 5% 1/16W 0603 RES SMT	1	R4	VENKEL CORP.
44	REST-00134		CR0603-16W-220JT	22 OHM 5% 1/16W 0603 RES SMT	1	R7	VENKEL CORP.
45	REST-00340		CR0603-16W-331JT	330 OHM 5% 1/16W 0603 RES SMT	1	R12	VENKEL CORP.
46	REST-00738		CR0603-16W-1051FT	1.05 K 1% 1/16W 0603 RES SMT	1	R16	VENKEL CORP.
47	REST-00152		CR0603-16W-101JT	100 OHM 5% 1/16W 0603 RES SMT	3	R21, R39, R40	VENKEL CORP.
48	REST-00129		CR0603-16W-103JT	10 K 5% 1/16W 0603 RES SMT	2	R23, R24	VENKEL CORP.
49	REST-00747		CR0603-16W-2211FT	2.21 K OHM 1% 1/16W 0603 RES SMT	2	R25, R26	VENKEL CORP.
50	REST-00440		CR0603-16W-392JT	3.9 K 5% 1/16W 0603 RES SMT	2	R27, R38	VENKEL CORP.
51	REST-00739		CR0603-16W-4750FT	475 OHM 1% 1/16W 0603 RES SMT	2	R28, R37	VENKEL CORP.
52	REST-00522		CR0603-16W-49R9FT	49.9 OHM 1% 1/16W 0603 RES SMT	4	R29, R31, R34, R35	VENKEL CORP.
53	REST-00128		CR0603-16W-4R7JT	4.7 OHM 5% 1/16W 0603 RES SMT	2	R41, R42	VENKEL CORP.
54							
55							
56	A0002694		INT5500	INT5500 LQFP-100	1	U1	INTELLON
57	A0002695		INT1200	INT1200 LQFP-48	1	U2	INTELLON
58	ICKT-00344		M25P10-AVMN6T	3.6V SRL FLASH 1MBIT S0-8	1	U3	ST/MICRO ELECTRONICS
59	ICKT-00343		AD8018ARU	XDSL LINE DVR R-R 14-TSSOP	1	U4	ANALOG/DEV

2	INTELLON		MANUFACTURER'S			REFERENCE	
ITEM	PART NO	REV	PART NO	PART DESCRIPTION	QTY	DESIGNATION	MANUFACTURER
60							
61	CTAL-00041		ECS-500-18-5P-CK-TR	50.000 MHz +/- 10PPM 18PF CAP LOAD CSM-7	1	Y1	ECS
62							
63	20002754	1	20002754	MECHANICAL OUTLINE DRAWING, INT55MX SIMPLE MODULE	REF		INTELLON
64							
65			NOTES: UNLESS OTHERWISE SPECIFIED;				
66		1)	CIRCUIT SENSITIVE DEVICES -- SUBSTITUTION NOT RECOMMENDED:		SEE ITEMS ABOVE IN BOLD RED TYPE		
67		2)	THESE COMPONENTS ARE NOT INSTALLED:		C33 (CAPS-00223)		
68		3)	THESE COMPONENTS ARE NOT USED:				
69							
70							
71							
72							
73							
74							
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