

	Boston University P/N MDT-ASD-X-002G			
	"Mezzanine Board" Revision G			
COUNT	REF DES	VALUE	PACKAGE	FOOTPRINT
214		<b>Grand Count</b>		
79		<b>0.01 Count</b>		
	C1	0.01	CAP_NP	SM/C_0805
	C2	0.01	CAP_NP	SM/C_0805
	C3	0.01	CAP_NP	SM/C_0805
	C4	0.01	CAP_NP	SM/C_0805
	C6	0.01	CAP_NP	SM/C_0805
	C7	0.01	CAP_NP	SM/C_0805
	C8	0.01	CAP_NP	SM/C_0805
	C10	0.01	CAP_NP	SM/C_0805
	C11	0.01	CAP_NP	SM/C_0805
	C12	0.01	CAP_NP	SM/C_0805
	C13	0.01	CAP_NP	SM/C_0805
	C14	0.01	CAP_NP	SM/C_0805
	C15	0.01	CAP_NP	SM/C_0805
	C16	0.01	CAP_NP	SM/C_0805
	C17	0.01	CAP_NP	SM/C_0805
	C18	0.01	CAP_NP	SM/C_0805
	C19	0.01	CAP_NP	SM/C_0805
	C20	0.01	CAP_NP	SM/C_0805
	C21	0.01	CAP_NP	SM/C_0805
	C22	0.01	CAP_NP	SM/C_0805
	C23	0.01	CAP_NP	SM/C_0805
	C24	0.01	CAP_NP	SM/C_0805
	C25	0.01	CAP_NP	SM/C_0805
	C26	0.01	CAP_NP	SM/C_0805
	C27	0.01	CAP_NP	SM/C_0805
	C28	0.01	CAP_NP	SM/C_0805
	C29	0.01	CAP_NP	SM/C_0805
	C30	0.01	CAP_NP	SM/C_0805
	C31	0.01	CAP_NP	SM/C_0805
	C32	0.01	CAP_NP	SM/C_0805
	C33	0.01	CAP_NP	SM/C_0805
	C34	0.01	CAP_NP	SM/C_0805
	C35	0.01	CAP_NP	SM/C_0805
	C36	0.01	CAP_NP	SM/C_0805
	C37	0.01	CAP_NP	SM/C_0805
	C38	0.01	CAP_NP	SM/C_0805
	C39	0.01	CAP_NP	SM/C_0805
	C40	0.01	CAP_NP	SM/C_0805
	C41	0.01	CAP_NP	SM/C_0805
	C42	0.01	CAP_NP	SM/C_0805
	C43	0.01	CAP_NP	SM/C_0805
	C44	0.01	CAP_NP	SM/C_0805
	C45	0.01	CAP_NP	SM/C_0805
	C46	0.01	CAP_NP	SM/C_0805
	C47	0.01	CAP_NP	SM/C_0805
	C48	0.01	CAP_NP	SM/C_0805
	C49	0.01	CAP_NP	SM/C_0805
	C50	0.01	CAP_NP	SM/C_0805
	C51	0.01	CAP_NP	SM/C_0805
	C52	0.01	CAP_NP	SM/C_0805
	C53	0.01	CAP_NP	SM/C_0805
	C54	0.01	CAP_NP	SM/C_0805
	C55	0.01	CAP_NP	SM/C_0805
	C56	0.01	CAP_NP	SM/C_0805
	C57	0.01	CAP_NP	SM/C_0805

	C58	0.01	CAP_NP	SM/C_0805	
	C59	0.01	CAP_NP	SM/C_0805	
	C60	0.01	CAP_NP	SM/C_0805	
	C61	0.01	CAP_NP	SM/C_0805	
	C62	0.01	CAP_NP	SM/C_0805	
	C63	0.01	CAP_NP	SM/C_0805	
	C64	0.01	CAP_NP	SM/C_0805	
	C65	0.01	CAP_NP	SM/C_0805	
	C66	0.01	CAP_NP	SM/C_0805	
	C67	0.01	CAP_NP	SM/C_0805	
	C68	0.01	CAP_NP	SM/C_0805	
	C69	0.01	CAP_NP	SM/C_0805	
	C70	0.01	CAP_NP	SM/C_0805	
	C71	0.01	CAP_NP	SM/C_0805	
	C72	0.01	CAP_NP	SM/C_0805	
	C73	0.01	CAP_NP	SM/C_0805	
	C74	0.01	CAP_NP	SM/C_0805	
	C75	0.01	CAP_NP	SM/C_0805	
	C76	0.01	CAP_NP	SM/C_0805	
	C77	0.01	CAP_NP	SM/C_0805	
	C78	0.01	CAP_NP	SM/C_0805	
	C79	0.01	CAP_NP	SM/C_0805	
	C93	0.01	CAP_NP	SM/C_0805	
	C94	0.01	CAP_NP	SM/C_0805	
24		<b>1 Count</b>			
	R16	1	R	SM/R_0805	
	R17	1	R	SM/R_0805	
	R18	1	R	SM/R_0805	
	R20	1	R	SM/R_0805	
	R21	1	R	SM/R_0805	
	R22	1	R	SM/R_0805	
	R23	1	R	SM/R_0805	
	R24	1	R	SM/R_0805	
	R28	1	R	SM/R_0805	
	R29	1	R	SM/R_0805	
	R38	1	R	SM/R_0805	
	R39	1	R	SM/R_0805	
	R40	1	R	SM/R_0805	
	R42	1	R	SM/R_0805	
	R43	1	R	SM/R_0805	
	R44	1	R	SM/R_0805	
	R45	1	R	SM/R_0805	
	R49	1	R	SM/R_0805	
	R50	1	R	SM/R_0805	
	R51	1	R	SM/R_0805	
	R56	1	R	SM/R_0805	
	R57	1	R	SM/R_0805	
	R59	1	R	SM/R_0805	
	R60	1	R	SM/R_0805	
15		<b>51 Count</b>			
	R34	51	R	SM/R_0805	
	R37	51	R	SM/R_0805	
	R41	51	R	SM/R_0805	
	R48	51	R	SM/R_0805	
	R52	51	R	SM/R_0805	
	R53	51	R	SM/R_0805	
	R54	51	R	SM/R_0805	
	R55	51	R	SM/R_0805	
	R58	51	R	SM/R_0805	
	R61	51	R	SM/R_0805	
	R62	51	R	SM/R_0805	
	R63	51	R	SM/R_0805	

	R95	51	RESISTOR	SM/R_0805	
	R96	51	RESISTOR	SM/R_0805	
	R98	51	RESISTOR	SM/R_0805	
5		<b>110 Count</b>			
	R65	110	R	SM/R_0805	
	R67	110	R	SM/R_0805	
	R68	110	R	SM/R_0805	
	R71	110	R	SM/R_0805	
	R72	110	R	SM/R_0805	
1		<b>1.5K Count</b>			
	R4	1.5K	R	SM/R_0805	
2		<b>10 UF Count</b>			
	C5	10 UF	CAPACITOR	EIAB	
	C80	10 UF	CAPACITOR	EIAB	
8		<b>10K Count</b>			
	R3	10K	R	SM/R_0805	
	R6	10K	R	SM/R_0805	
	R7	10K	R	SM/R_0805	
	R8	10K	R	SM/R_0805	
	R9	10K	R	SM/R_0805	
	R14	10K	R	SM/R_0805	
	R64	10K	R	SM/R_0805	
	R99	10K	RESISTOR	SM/R_0805	
1		<b>10K POT Count</b>			
	R1	10K POT	POT	MULTI-TURN SMT POT	
2		<b>1K Count</b>			
	R10	1K	R	SM/R_0805	
	R13	1K	R	SM/R_0805	
2		<b>2K Count</b>			
	R2	2K	R	SM/R_0805	
	R15	2K	R	SM/R_0805	
1		<b>3K Count</b>			
	R5	3K	R	SM/R_0805	
2		<b>4.7K Count</b>			
	R93	4.7K	RESISTOR	SM/R_0805	
	R94	4.7K	RESISTOR	SM/R_0805	
6		<b>50K Count</b>			
	R25	50K	R	SM/R_0805	
	R26	50K	R	SM/R_0805	
	R31	50K	R	SM/R_0805	
	R32	50K	R	SM/R_0805	
	R46	50K	R	SM/R_0805	
	R47	50K	R	SM/R_0805	
6		<b>ASDCHIP Count</b>			
	ASD1	ASDCHIP	ASDCHIP_0	ASD1 (64PIN TQFP)	
	ASD2	ASDCHIP	ASDCHIP_0	ASD1 (64PIN TQFP)	
	ASD3	ASDCHIP	ASDCHIP_0	ASD1 (64PIN TQFP)	
	ASD4	ASDCHIP	ASDCHIP_0	ASD1 (64PIN TQFP)	
	ASD5	ASDCHIP	ASDCHIP_0	ASD1 (64PIN TQFP)	
	ASD6	ASDCHIP	ASDCHIP_0	ASD1 (64PIN TQFP)	
3		<b>BAS16 DIODE Count</b>			
	D1	BAS16 DIODE	DIODE	SM/SOT23_123	
	D2	BAS16 DIODE	DIODE	SM/SOT23_123	
	D3	BAS16 DIODE	DIODE	SM/SOT23_123	
1		<b>CON14 Count</b>			
	J93	CON14	CON14	CONN2MM_SMT_14	
1		<b>CON36 Count</b>			
	J1	CON36	CON36	MDR36	
2		<b>HEADER 3 Count</b>			
	JP4	HEADER 3	HEADER_3	SIP/TM/L.300/3	
	JP7	HEADER 3	HEADER_3	SIP/TM/L.300/3	
3		<b>HEADER 6 Count</b>			

	JP11	HEADER 6	HEADER_6	SIP/TM/L.600/6	
	JP12	HEADER 6	HEADER_6	SIP/TM/L.600/6	
	JP14	HEADER 6	HEADER_6	SIP/TM/L.600/6	
3		<b>HEADER 8X2 Count</b>			
	JP13	HEADER 8X2	HEADER_16	16PIN HEADER	
	JP15	HEADER 8X2	HEADER_16	16PIN HEADER	
	JP17	HEADER 8X2	HEADER_16	16PIN HEADER	
9		<b>JUMPER Count</b>			
	JP6	JUMPER	JUMPER	JUMPER100	
	JP20	JUMPER	JUMPER	SM/R_1206	
	JP21	JUMPER	JUMPER	SM/R_1206	
	JP22	JUMPER	JUMPER	SM/R_1206	
	JP23	JUMPER	JUMPER	SM/R_1206	
	JP24	JUMPER	JUMPER	SM/R_1206	
	JP30	JUMPER	JUMPER	SM/R_1206	
	JP31	JUMPER	JUMPER	SM/R_1206	
	JP32	JUMPER	JUMPER	SM/R_1206	
2		<b>JUMPER / 0-OHM Count</b>			
	JP16	JUMPER / 0-OHM	JUMPER	SM/R_1206	
	JP18	JUMPER / 0-OHM	JUMPER	SM/R_1206	
1		<b>LM2937 - 3.3 Count</b>			
	U4	LM2937 - 3.3	LM2937-3.3	SM/SOT223_1234	
1		<b>LM2937 - 5 Count</b>			
	U6	LM2937 - 5	LM2937-3.3	SM/SOT223_1234	
1		<b>LVDS_RCVR Count</b>			
	U7	LVDS_RCVR	LVDS_RCVR_1	SOG.050/16/WG.244/L.400	
1		<b>LVDS_TRAN Count</b>			
	U2	LVDS_TRAN	LVDS_TRAN	SOG.050/16/WG.244/L.400	
1		<b>MAX550A Count</b>			
	U8	MAX550A	MAX550A_1	MAX550	
1		<b>OP 484 Count</b>			
	U1	OP 484	OP_484	14-PIN SOIC	
12		<b>PROTECTION_ASSY Count</b>			
	PR1	PROTECTION_ASSY	PROTECTION2_6	PR3	
	PR2	PROTECTION_ASSY	PROTECTION2_6	PR3	
	PR3	PROTECTION_ASSY	PROTECTION2_6	PR3	
	PR4	PROTECTION_ASSY	PROTECTION2_6	PR3	
	PR5	PROTECTION_ASSY	PROTECTION2_6	PR3	
	PR6	PROTECTION_ASSY	PROTECTION2_6	PR3	
	PR7	PROTECTION_ASSY	PROTECTION2_6	PR3	
	PR8	PROTECTION_ASSY	PROTECTION2_6	PR3	
	PR9	PROTECTION_ASSY	PROTECTION2_6	PR3	
	PR10	PROTECTION_ASSY	PROTECTION2_6	PR3	
	PR11	PROTECTION_ASSY	PROTECTION2_6	PR3	
	PR12	PROTECTION_ASSY	PROTECTION2_6	PR3	
6		<b>OMIT Count</b>			
	R19	<b>OMIT</b>	R	SM/R_0805	
	R27	<b>OMIT</b>	R	SM/R_0805	
	R30	<b>OMIT</b>	R	SM/R_0805	
	R33	<b>OMIT</b>	R	SM/R_0805	
	R35	<b>OMIT</b>	R	SM/R_0805	
	R36	<b>OMIT</b>	R	SM/R_0805	
6		<b>RESISTOR NETWORK Count</b>			
	RNET1	RESISTOR NETWORK	8_HEADER	RNET-2	
	RNET2	RESISTOR NETWORK	8_HEADER	RNET-2	
	RNET3	RESISTOR NETWORK	8_HEADER	RNET-2	
	RNET4	RESISTOR NETWORK	8_HEADER	RNET-2	
	RNET5	RESISTOR NETWORK	8_HEADER	RNET-2	
	RNET6	RESISTOR NETWORK	8_HEADER	RNET-2	
3		<b>SAMTEC 16 Count</b>			
	JP8	SAMTEC 16	HEADER_16	16PIN SMT/TH SAMTEC100_REV1	
	JP9	SAMTEC 16	HEADER_16	16PIN SMT/TH SAMTEC100_REV1	

	JP10	SAMTEC 16	HEADER_16	16PIN SMT/TH SAMTEC100_REV1	
1		<b>TDC Count</b>			
	Z1	TDC	TDC_3	TDC (160PIN QFP)	
1		<b>DS1722 Count</b>			
	U5	DS1722	TEMP_TRANS_3	8-PIN SOIC	
1		<b>XC9572_PC44 Count</b>			
	U3	XC9572_PC44	XC9572_PC44_4	PLCC44	
<b>ADDITIONAL COMPONENTS for PROTECTION CIRCUIT ASSEMBLIES:</b>					
Quan	Value	Package			
72	20 OHM	0805			
48	BAV99 diode	SOT23			
24	.01UF CAP	0805			