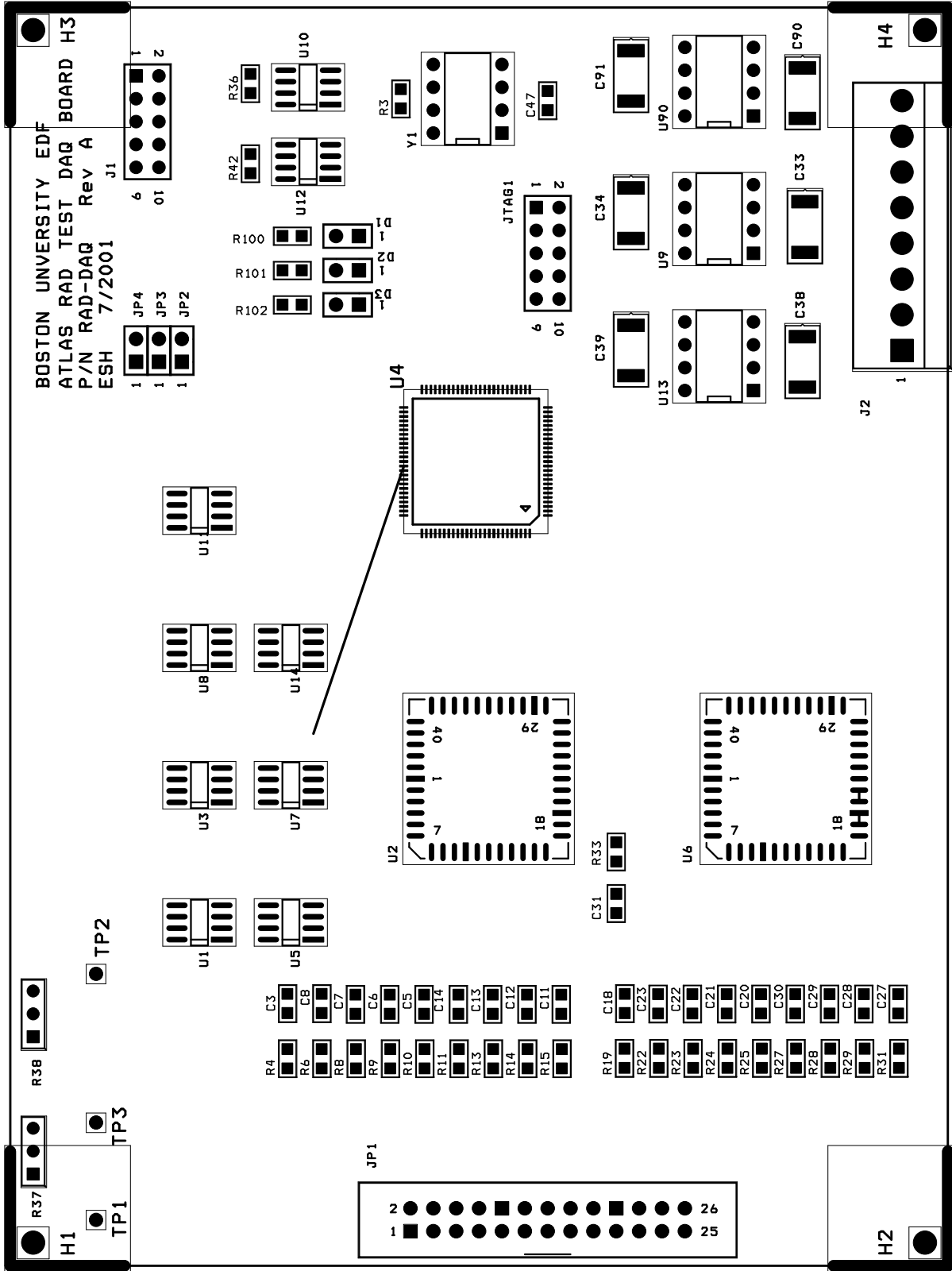


BOSTON UNIVERSITY EDF
ATLAS RAD TEST DAQ BOARD H3
P/N RAD-DAQ Rev A
ESH 7/2001



<u>REF DES</u>	<u>VALUE</u>	<u>PACKAGE</u>	<u>FOOTPRINT</u>
U2	ADC12048	ADC12048	PLCC44
U6	ADC12048	ADC12048	PLCC44
C1	0.1UF	CAPACITOR	SM/C_0805
C11	0.1UF	CAPACITOR	SM/C_0805
C12	0.1UF	CAPACITOR	SM/C_0805
C13	0.1UF	CAPACITOR	SM/C_0805
C14	0.1UF	CAPACITOR	SM/C_0805
C15	0.1UF	CAPACITOR	SM/C_0805
C16	0.1UF	CAPACITOR	SM/C_0805
C17	0.1UF	CAPACITOR	SM/C_0805
C18	0.1UF	CAPACITOR	SM/C_0805
C19	0.1UF	CAPACITOR	SM/C_0805
C2	0.1UF	CAPACITOR	SM/C_0805
C20	0.1UF	CAPACITOR	SM/C_0805
C21	0.1UF	CAPACITOR	SM/C_0805
C22	0.1UF	CAPACITOR	SM/C_0805
C23	0.1UF	CAPACITOR	SM/C_0805
C24	0.1UF	CAPACITOR	SM/C_0805
C26	0.1UF	CAPACITOR	SM/C_0805
C27	0.1UF	CAPACITOR	SM/C_0805
C28	0.1UF	CAPACITOR	SM/C_0805
C29	0.1UF	CAPACITOR	SM/C_0805
C3	0.1UF	CAPACITOR	SM/C_0805
C30	0.1UF	CAPACITOR	SM/C_0805
C31	0.1UF	CAPACITOR	SM/C_0805
C32	0.1UF	CAPACITOR	SM/C_0805
C35	0.1UF	CAPACITOR	SM/C_0805
C36	0.1UF	CAPACITOR	SM/C_0805
C37	0.1UF	CAPACITOR	SM/C_0805
C4	0.1UF	CAPACITOR	SM/C_0805
C40	0.1UF	CAPACITOR	SM/C_0805
C41	0.1UF	CAPACITOR	SM/C_0805
C42	0.1UF	CAPACITOR	SM/C_0805
C45	0.1UF	CAPACITOR	SM/C_0805
C46	0.1UF	CAPACITOR	SM/C_0805
C47	0.1UF	CAPACITOR	SM/C_0805

C5	0.1UF	CAPACITOR	SM/C_0805
C6	0.1UF	CAPACITOR	SM/C_0805
C7	0.1UF	CAPACITOR	SM/C_0805
C8	0.1UF	CAPACITOR	SM/C_0805
C9	0.1UF	CAPACITOR	SM/C_0805
C93	0.1UF	CAPACITOR	SM/C_0805
C94	0.1UF	CAPACITOR	SM/C_0805
C95	0.1UF	CAPACITOR	SM/C_0805
C97	0.1UF	CAPACITOR	SM/C_0805
C98	0.1UF	CAPACITOR	SM/C_0805
C99	0.1UF	CAPACITOR	SM/C_0805
C10	10UF	CAPACITOR_POL	SM/D_2309_12
C25	10UF	CAPACITOR_POL	SM/D_2309_12
C33	10UF	CAPACITOR_POL	SM/D_2309_12
C34	10UF	CAPACITOR_POL	SM/D_2309_12
C38	10UF	CAPACITOR_POL	SM/D_2309_12
C39	10UF	CAPACITOR_POL	SM/D_2309_12
C90	10UF	CAPACITOR_POL	SM/D_2309_12
C91	10UF	CAPACITOR_POL	SM/D_2309_12
J1	CON10	CON10	10 pin unshrouded header
JTAG1	CON10AP	CON10AP	10 pin unshrouded header
J2	CON8	CON8	8 pin 0.156 power connector
U4	EPM3128ATC100	EPM3128ATC100_1	MY_TQFP100_ALTERA
JP1	HEADER 13X2	HEADER_13X2	26 pin header
JP2	JUMPER2	JUMPER2	use 6-pin header for 3 JUMPER2s
JP3	JUMPER2	JUMPER2	
JP4	JUMPER2	JUMPER2	
D1	LED	LED	RED LED
D2	LED	LED	RED LED
D3	LED	LED	RED LED
U1	LM393	LM393	SOG.050/8/WG.244/L.200
U11	LM393	LM393	SOG.050/8/WG.244/L.200
U14	LM393	LM393	SOG.050/8/WG.244/L.200
U3	LM393	LM393	SOG.050/8/WG.244/L.200
U5	LM393	LM393	SOG.050/8/WG.244/L.200
U7	LM393	LM393	SOG.050/8/WG.244/L.200
U8	LM393	LM393	SOG.050/8/WG.244/L.200

U10	MAX488	MAX488	SOG.050/8/WG.244/L.200
U12	MAX488	MAX488	SOG.050/8/WG.244/L.200
Y1	OSC8	OSC8	DIP.100/8/W.300/L.400
R37	POT	POT	SIP/TM/L.300/3
R38	POT	POT	SIP/TM/L.300/3
R36	100	RESISTOR	SM/R_0805
R42	100	RESISTOR	SM/R_0805
R10	10K	RESISTOR	SM/R_0805
R103	10K	RESISTOR	SM/R_0805
R104	10K	RESISTOR	SM/R_0805
R105	10K	RESISTOR	SM/R_0805
R11	10K	RESISTOR	SM/R_0805
R12	10K	RESISTOR	SM/R_0805
R13	10K	RESISTOR	SM/R_0805
R14	10K	RESISTOR	SM/R_0805
R15	10K	RESISTOR	SM/R_0805
R16	10K	RESISTOR	SM/R_0805
R19	10K	RESISTOR	SM/R_0805
R20	10K	RESISTOR	SM/R_0805
R21	10K	RESISTOR	SM/R_0805
R22	10K	RESISTOR	SM/R_0805
R23	10K	RESISTOR	SM/R_0805
R24	10K	RESISTOR	SM/R_0805
R25	10K	RESISTOR	SM/R_0805
R26	10K	RESISTOR	SM/R_0805
R27	10K	RESISTOR	SM/R_0805
R28	10K	RESISTOR	SM/R_0805
R29	10K	RESISTOR	SM/R_0805
R3	10K	RESISTOR	SM/R_0805
R30	10K	RESISTOR	SM/R_0805
R31	10K	RESISTOR	SM/R_0805
R32	10K	RESISTOR	SM/R_0805
R34	10K	RESISTOR	SM/R_0805
R39	10K	RESISTOR	SM/R_0805
R4	10K	RESISTOR	SM/R_0805
R41	10K	RESISTOR	SM/R_0805
R43	10K	RESISTOR	SM/R_0805

R44	10K	RESISTOR	SM/R_0805
R5	10K	RESISTOR	SM/R_0805
R6	10K	RESISTOR	SM/R_0805
R7	10K	RESISTOR	SM/R_0805
R8	10K	RESISTOR	SM/R_0805
R9	10K	RESISTOR	SM/R_0805
R33	1K	RESISTOR	SM/R_0805
R45	1K	RESISTOR	SM/R_0805
R46	1K	RESISTOR	SM/R_0805
R47	1K	RESISTOR	SM/R_0805
R1	1 Ohm	RESISTOR	SM/R_0805
R17	1 Ohm	RESISTOR	SM/R_0805
R18	1 Ohm	RESISTOR	SM/R_0805
R2	1 Ohm	RESISTOR	SM/R_0805
R100	3.3K	RESISTOR	SM/R_0805
R101	3.3K	RESISTOR	SM/R_0805
R102	3.3K	RESISTOR	SM/R_0805
R35	6.04k	RESISTOR	SM/R_0805
R40	14k	RESISTOR	SM/R_0805
U9	TPS7333Q	TPS7333Q	DIP.100/8/W.300/L.400
U13	TPS7350Q	TPS7350Q	DIP.100/8/W.300/L.400
U90	TPS7350Q	TPS7350Q	DIP.100/8/W.300/L.400