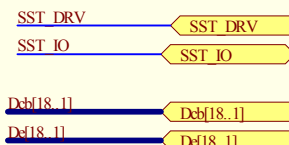
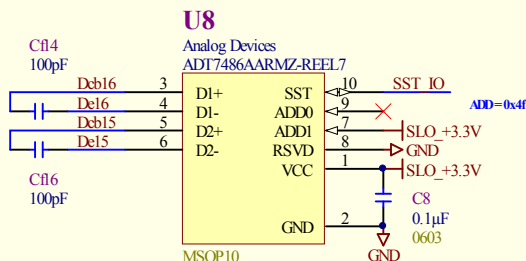
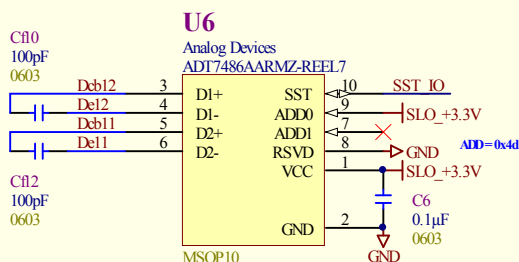
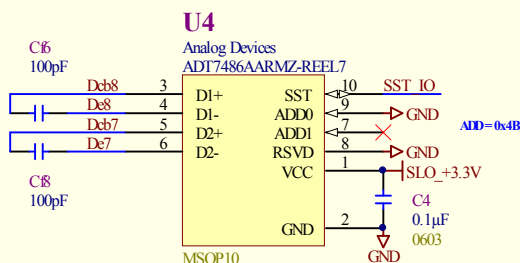
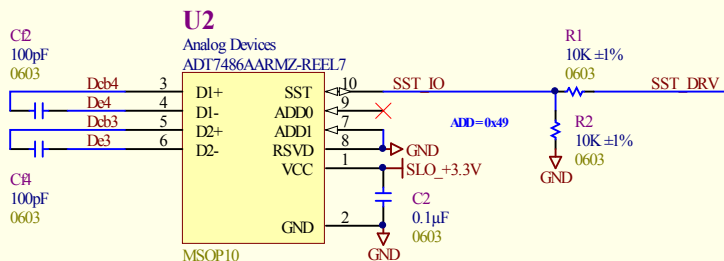
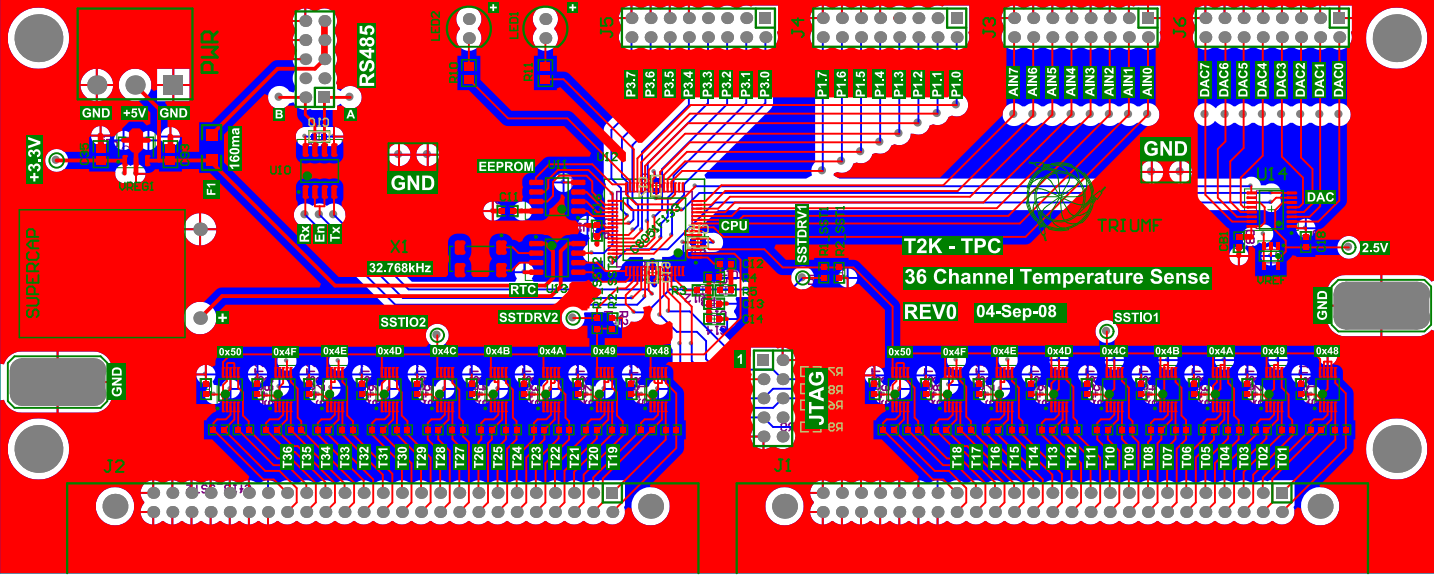


T2K - TPC / 36 Channel Temperature Readback Module				
Revision 0	Drawing #: *		TRIUMF 4004 Westbrook Mall Vancouver, B.C. Canada V6T 2A3	
	Sheet #: 1 of 1	Size: B	Cannot open file G:\AHWP\ROTEL\SC H LIB\TRI	
	Drawn by: D. Bishop	Date: 04-Sep-08	File: C:\T2K\Electronics\TPC\TEMP36\TPC36TEMP_SST.PcbDoc\TPC36TEMP.SchDoc	





Comment	Description	Designator	Footprint	LibRef	Quantity
		C1_SST1, C1_SST2 C2_SST1, C2_SST2 C3_SST1, C3_SST2 C4_SST1, C4_SST2 C5_SST1, C5_SST2 C6_SST1, C6_SST2 C7_SST1, C7_SST2 C8_SST1, C8_SST2 C9_SST1, C9_SST2 C10, C11, C12, C13 C14, C15, C16, C17 C19, CB1	0603	CAP-SMALL	28
0.1µF	CAP CER .1UF 100V X7R 0603		0603	CAP-SMALL	1
10µF	CAP CER 10UF 8.3V X7R 0805	C35	0805	CAP-SMALL	1
10µF	CAP CER 1.0UF 10V 10% X7R 0805	C83	0805	CAP-SMALL	1
		C1_SST1, C1_SST2, C2_SST1, C2_SST2, C3_SST1, C3_SST2, C4_SST1, C4_SST2, C5_SST1, C5_SST2, C6_SST1, C6_SST2, C7_SST1, C7_SST2, C8_SST1, C8_SST2, C9_SST1, C9_SST2, C10_SST1, C10_SST2, C11_SST1, C11_SST2, C12_SST1, C12_SST2, C13_SST1, C13_SST2, C14_SST1, C14_SST2, C15_SST1, C15_SST2, C16_SST1, C16_SST2, C17_SST1, C17_SST2, C18_SST1, C18_SST2	0603	CAP-SMALL	35
100µF	CAP CERAMIC 100PF 50V 0603 SMD		0603	CAP-SMALL	35
NANOSMD0216F-2	POLYSWITCH .16A RESET FUSE SMD	F1	1206	Fuse Thermal	1
HEADER 25X2		J1, J2	IDC50P	HEADER 25X2	2
HEADER 8X2	16 PIN HEADER	J3, J4, J5, J6	IDC16	HEADER 8X2	4
HEADER 8X2	10 PIN HEADER 0.1" pitch R/A	JTAG	IDC10	HEADER 8X2	1
RED	LED 3MM RT ANG LOW CUR RED PCMNT	LED1	LED2	LED_2	1
GRN	LED 3MM RT ANG LOW CUR GRN PCMNT	LED2	LED2	LED_2	1
CON3		PWR	PHE3_DISC	CON3	1
10K ±1%	RES 10.0K OHM 1/10W 1% 0603 SMD	R1_SST1, R1_SST2 R2_SST1, R2_SST2	0603	RES-TINY	4
1.00K ±1%	RES 1.00K OHM 1/10W 1% 0603 SMD	R3	0603	RES-SMALL	1
6.04K ±1%	RES 6.04K OHM 1/10W 1% 0603 SMD	R4	0603	RES-TINY	1
1.60K ±0.1%	RES 1.6K OHM 1/16W .1% 0603 SMD	R5	0603	RES-TINY	1
1K ±1%	RES 10.0K OHM 1/10W 1% 0603 SMD	R6, R7, R8, R9	0603	RES-SMALL	4
470		R10, R11	0805	RES-SMALL	2
RS458	CONN HEADER 10 POS STRIGHT GOLD CAPACITOR 47F 5V RAD AEROGEL	RS485	IDC10	HEADER 8X2	1
PB-5RDV474-R		SUPERCAP	POWERSTORE-PB	ELECTRO1	1
ADT7486A	IC TEMP SENS DSGL 2CH SST 10MSOP	U1_SST1, U1_SST2 U2_SST1, U2_SST2 U3_SST1, U3_SST2 U4_SST1, U4_SST2 U5_SST1, U5_SST2 U6_SST1, U6_SST2 U7_SST1, U7_SST2 U8_SST1, U8_SST2 U9_SST1, U9_SST2	MSOP10	ADT7486A	18
ADM3485EARZ	IC TXRX RS-485 RS-422 3.3V 8-SOIC	U10	SOIC127P600-8CM	MAX485	1
AT25160AN-10SD-2.7	IC SERIAL EPROM 16K 2.7V 8SOIC	U11	SOIC127P600-8CM	AT25xxx	1
C8051F133	IC 8051 MCU 64K FLASH 641QFP	U12	TSOPP50P1200X12 0X120-64N	C8051F133	1
DS1302Z-T&R	IC TIMEKEEPER W/CHARGER 8-SOIC	U13	SOIC127P600-8CM	DS1302	1
LTC1665CGMPBF	IC D/A CONV 8BIT DCTAL 16-SSOP	U14	SSOP18 (Narrow 150mil)	LTC1665CGN	1
LM1132EMF-2.5NOPB	IC REF LDO PREC 2.5V SOT23-5	VREF	SOT-23-DBV	LM1132	1
LD2981CU33TR	IC REG LDO 3.3V 100MA SOT-49	VREG1	SOT89-150P409X16 3N	LD2981CU33	1
MC-306 32.7680K-A	CRYSTAL 32.7680K	X1	MA-306	CRYSTAL_M306A	1