

Boston University CSM Adapter Rev C

Bill of Materials

Contact: Eric Hazen or Tim Block at 617-353-4117

CSM Adapter Rev C - BOM							
QUAN	REF DES	VALUE	PACKAGE	FOOTPRINT	NOTES		
	JTAG	CON10AP	CON10AP	BLKCON.100/VH/TM2OE/W.200/10	10 pin non-shrouded header		
	J11	CON38	CON38	MDR36_VERT_FIX	36 pin straight mini-D		
	J13	CON38	CON38	MDR36_VERT_FIX			
	J15	CON38	CON38	MDR36_VERT_FIX			
	J17	CON38	CON38	MDR36_VERT_FIX			
	J19	CON38	CON38	MDR36_VERT_FIX			
	J21	CON38	CON38	MDR36_VERT_FIX			
	J23	CON38	CON38	MDR36_VERT_FIX			
	J25	CON38	CON38	MDR36_VERT_FIX			
	J27	CON38	CON38	MDR36_VERT_FIX			
	J29	CON38	CON38	MDR36_VERT_FIX			
	J31	CON38	CON38	MDR36_VERT_FIX			
	J33	CON38	CON38	MDR36_VERT_FIX			
	J35	CON38	CON38	MDR36_VERT_FIX			
	J37	CON38	CON38	MDR36_VERT_FIX			
	J39	CON38	CON38	MDR36_VERT_FIX			
	J41	CON38	CON38	MDR36_VERT_FIX			
	J7	CON38	CON38	MDR36_VERT_FIX			
	J9	CON38	CON38	MDR36_VERT_FIX			
	JPWR	CON6	CON6	POLCON.156/VH/TM1SQS/W.425/6	Right-angle molex 0.157" connector		
	U4	EPM3128ATC100	EPM3128ATC100_1	QUAD.025/100/WG.885			
	J1	RJ-45S	CON10	RJ-45S_FIX_LARGE	Straight RJ-45 connector		
	J2	RJ-45S	CON10	RJ-45S_FIX_LARGE			
	J10	RJ-45S	CON10	RJ-45S_FIX_LARGE			
	J12	RJ-45S	CON10	RJ-45S_FIX_LARGE			
	J14	RJ-45S	CON10	RJ-45S_FIX_LARGE			
	J16	RJ-45S	CON10	RJ-45S_FIX_LARGE			
	J18	RJ-45S	CON10	RJ-45S_FIX_LARGE			
	J20	RJ-45S	CON10	RJ-45S_FIX_LARGE			
	J22	RJ-45S	CON10	RJ-45S_FIX_LARGE			
	J24	RJ-45S	CON10	RJ-45S_FIX_LARGE			
	J26	RJ-45S	CON10	RJ-45S_FIX_LARGE			
	J28	RJ-45S	CON10	RJ-45S_FIX_LARGE			
	J30	RJ-45S	CON10	RJ-45S_FIX_LARGE			
	J32	RJ-45S	CON10	RJ-45S_FIX_LARGE			
	J34	RJ-45S	CON10	RJ-45S_FIX_LARGE			
	J36	RJ-45S	CON10	RJ-45S_FIX_LARGE			

J38	RJ-45S	CON10	RJ-45S_FIX_LARGE				
J40	RJ-45S	CON10	RJ-45S_FIX_LARGE				
J42	RJ-45S	CON10	RJ-45S_FIX_LARGE				
J8	RJ-45S	CON10	RJ-45S_FIX_LARGE				
CA1	0.1UF	CAPACITOR	SM/C_0805				
CA10	0.1UF	CAPACITOR	SM/C_0805				
CA11	0.1UF	CAPACITOR	SM/C_0805				
CA12	0.1UF	CAPACITOR	SM/C_0805				
CA13	0.1UF	CAPACITOR	SM/C_0805				
CA14	0.1UF	CAPACITOR	SM/C_0805				
CA15	0.1UF	CAPACITOR	SM/C_0805				
CA16	0.1UF	CAPACITOR	SM/C_0805				
CA17	0.1UF	CAPACITOR	SM/C_0805				
CA18	0.1UF	CAPACITOR	SM/C_0805				
CA19	0.1UF	CAPACITOR	SM/C_0805				
CA2	0.1UF	CAPACITOR	SM/C_0805				
CA3	0.1UF	CAPACITOR	SM/C_0805				
CA4	0.1UF	CAPACITOR	SM/C_0805				
CA5	0.1UF	CAPACITOR	SM/C_0805				
CA6	0.1UF	CAPACITOR	SM/C_0805				
CA7	0.1UF	CAPACITOR	SM/C_0805				
CA8	0.1UF	CAPACITOR	SM/C_0805				
CA9	0.1UF	CAPACITOR	SM/C_0805				
CD1	0.1UF	CAPACITOR	SM/C_0805				
CD10	0.1UF	CAPACITOR	SM/C_0805				
CD11	0.1UF	CAPACITOR	SM/C_0805				
CD12	0.1UF	CAPACITOR	SM/C_0805				
CD13	0.1UF	CAPACITOR	SM/C_0805				
CD14	0.1UF	CAPACITOR	SM/C_0805				
CD15	0.1UF	CAPACITOR	SM/C_0805				
CD16	0.1UF	CAPACITOR	SM/C_0805				
CD17	0.1UF	CAPACITOR	SM/C_0805				
CD18	0.1UF	CAPACITOR	SM/C_0805				
CD19	0.1UF	CAPACITOR	SM/C_0805				
CD2	0.1UF	CAPACITOR	SM/C_0805				
CD3	0.1UF	CAPACITOR	SM/C_0805				
CD4	0.1UF	CAPACITOR	SM/C_0805				
CD5	0.1UF	CAPACITOR	SM/C_0805				
CD6	0.1UF	CAPACITOR	SM/C_0805				
CD7	0.1UF	CAPACITOR	SM/C_0805				

CD8	0.1UF	CAPACITOR	SM/C_0805				
CD9	0.1UF	CAPACITOR	SM/C_0805				
CV1	0.1UF	CAPACITOR	SM/C_0805				
CV2	0.1UF	CAPACITOR	SM/C_0805				
CV3	0.1UF	CAPACITOR	SM/C_0805				
CV4	0.1UF	CAPACITOR	SM/C_0805				
CV5	0.1UF	CAPACITOR	SM/C_0805				
CV6	0.1UF	CAPACITOR	SM/C_0805				
CV7	0.1UF	CAPACITOR	SM/C_0805				
CV8	0.1UF	CAPACITOR	SM/C_0805				
CV10	0.1UF	CAPACITOR	SM/C_0805				
CV11	0.1UF	CAPACITOR	SM/C_0805				
CV12	0.1UF	CAPACITOR	SM/C_0805				
CV13	0.1UF	CAPACITOR	SM/C_0805				
CV14	0.1UF	CAPACITOR	SM/C_0805				
CV15	0.1UF	CAPACITOR	SM/C_0805				
CV16	0.1UF	CAPACITOR	SM/C_0805				
CV17	0.1UF	CAPACITOR	SM/C_0805				
CV9	0.1UF	CAPACITOR	SM/C_0805				
JP1	JUMPER	JUMPER	SM/C_0805	Zero-ohm jumper			
JP10	JUMPER	JUMPER	SM/C_0805				
JP11	JUMPER	JUMPER	SM/C_0805				
JP12	JUMPER	JUMPER	SM/C_0805				
JP13	JUMPER	JUMPER	SM/C_0805				
JP14	JUMPER	JUMPER	SM/C_0805				
JP15	JUMPER	JUMPER	SM/C_0805				
JP16	JUMPER	JUMPER	SM/C_0805				
JP17	JUMPER	JUMPER	SM/C_0805				
JP18	JUMPER	JUMPER	SM/C_0805				
JP19	JUMPER	JUMPER	SM/C_0805				
JP2	JUMPER	JUMPER	SM/C_0805				
JP20	JUMPER	JUMPER	SM/C_0805				
JP21	JUMPER	JUMPER	SM/C_0805				
JP22	JUMPER	JUMPER	SM/C_0805				
JP23	JUMPER	JUMPER	SM/C_0805				
JP24	JUMPER	JUMPER	SM/C_0805				
JP25	JUMPER	JUMPER	SM/C_0805				
JP26	JUMPER	JUMPER	SM/C_0805				
JP27	JUMPER	JUMPER	SM/C_0805				
JP28	JUMPER	JUMPER	SM/C_0805				

JP29	JUMPER	JUMPER	SM/C_0805				
JP3	JUMPER	JUMPER	SM/C_0805				
JP30	JUMPER	JUMPER	SM/C_0805				
JP31	JUMPER	JUMPER	SM/C_0805				
JP32	JUMPER	JUMPER	SM/C_0805				
JP33	JUMPER	JUMPER	SM/C_0805				
JP34	JUMPER	JUMPER	SM/C_0805				
JP35	JUMPER	JUMPER	SM/C_0805				
JP36	JUMPER	JUMPER	SM/C_0805				
JP4	JUMPER	JUMPER	SM/C_0805				
JP5	JUMPER	JUMPER	SM/C_0805				
JP6	JUMPER	JUMPER	SM/C_0805				
JP7	JUMPER	JUMPER	SM/C_0805				
JP8	JUMPER	JUMPER	SM/C_0805				
JP9	JUMPER	JUMPER	SM/C_0805				
R1	100	RESISTOR	SM/R_0805_FIX				
R10	100	RESISTOR	SM/R_0805_FIX				
R11	100	RESISTOR	SM/R_0805_FIX				
R12	100	RESISTOR	SM/R_0805_FIX				
R13	100	RESISTOR	SM/R_0805_FIX				
R14	100	RESISTOR	SM/R_0805_FIX				
R15	100	RESISTOR	SM/R_0805_FIX				
R16	100	RESISTOR	SM/R_0805_FIX				
R17	100	RESISTOR	SM/R_0805_FIX				
R18	100	RESISTOR	SM/R_0805_FIX				
R19	100	RESISTOR	SM/R_0805_FIX				
R2	100	RESISTOR	SM/R_0805_FIX				
R20	100	RESISTOR	SM/R_0805_FIX				
R21	100	RESISTOR	SM/R_0805_FIX				
R3	100	RESISTOR	SM/R_0805_FIX				
R4	100	RESISTOR	SM/R_0805_FIX				
R5	100	RESISTOR	SM/R_0805_FIX				
R6	100	RESISTOR	SM/R_0805_FIX				
R7	100	RESISTOR	SM/R_0805_FIX				
R8	100	RESISTOR	SM/R_0805_FIX				
R9	100	RESISTOR	SM/R_0805_FIX				
R30	1K	RESISTOR	SM/R_0805_FIX				
R31	1K	RESISTOR	SM/R_0805_FIX				
R32	1K	RESISTOR	SM/R_0805_FIX				
U1	SN65LVDS050	SN65LVDS050_1	SOG.050/16/WG.244/L.375_FIX				

U10	SN65LVDS050	SN65LVDS050_0	SOG.050/16/WG.244/L.375_FIX				
U11	SN65LVDS050	SN65LVDS050_0	SOG.050/16/WG.244/L.375_FIX				
U12	SN65LVDS050	SN65LVDS050_0	SOG.050/16/WG.244/L.375_FIX				
U13	SN65LVDS050	SN65LVDS050_0	SOG.050/16/WG.244/L.375_FIX				
U14	SN65LVDS050	SN65LVDS050_0	SOG.050/16/WG.244/L.375_FIX				
U15	SN65LVDS050	SN65LVDS050_0	SOG.050/16/WG.244/L.375_FIX				
U7	SN65LVDS050	SN65LVDS050_0	SOG.050/16/WG.244/L.375_FIX				
U8	SN65LVDS050	SN65LVDS050_0	SOG.050/16/WG.244/L.375_FIX				
U9	SN65LVDS050	SN65LVDS050_0	SOG.050/16/WG.244/L.375_FIX				
U2	SN65LVDS116	SN65LVDS116	TSSO64_FIX				
U3	SN65LVDS116	SN65LVDS116	TSSO64_FIX				
U5	SN65LVDS116	SN65LVDS116	TSSO64_FIX				
U6	SN65LVDS116	SN65LVDS116	TSSO64_FIX				

Boston University CSM Adapter Rev C

Component Insertion List

Contact: Eric Hazen or Tim Block at 617-353-4117

CSM Adapter Rev C - Component Insertion List						
REF DES	VALUE	FOOTPRINT	XCOORD	YCOORD	ROTATION	BOARDSIDE
JTAG	CON10AP	BLKCON.100/VH/TM2OE/W.200/10	-26150.00 m	2650.00 m	0	TOP
J11	CON38	MDR36_VERT_FIX	-21700.00 m	7100.00 m	90	TOP
J13	CON38	MDR36_VERT_FIX	-20900.00 m	7100.00 m	90	TOP
J15	CON38	MDR36_VERT_FIX	-20100.00 m	7100.00 m	90	TOP
J17	CON38	MDR36_VERT_FIX	-19300.00 m	7100.00 m	90	TOP
J19	CON38	MDR36_VERT_FIX	-18500.00 m	7100.00 m	90	TOP
J21	CON38	MDR36_VERT_FIX	-17700.00 m	7100.00 m	90	TOP
J23	CON38	MDR36_VERT_FIX	-16900.00 m	7100.00 m	90	TOP
J25	CON38	MDR36_VERT_FIX	-16100.00 m	7100.00 m	90	TOP
J27	CON38	MDR36_VERT_FIX	-28100.00 m	7100.00 m	90	TOP
J29	CON38	MDR36_VERT_FIX	-27300.00 m	7100.00 m	90	TOP
J31	CON38	MDR36_VERT_FIX	-26500.00 m	7100.00 m	90	TOP
J33	CON38	MDR36_VERT_FIX	-25700.00 m	7100.00 m	90	TOP
J35	CON38	MDR36_VERT_FIX	-24900.00 m	7100.00 m	90	TOP
J37	CON38	MDR36_VERT_FIX	-24100.00 m	7100.00 m	90	TOP
J39	CON38	MDR36_VERT_FIX	-23300.00 m	7100.00 m	90	TOP
J41	CON38	MDR36_VERT_FIX	-22500.00 m	7100.00 m	90	TOP
J7	CON38	MDR36_VERT_FIX	-29700.00 m	7100.00 m	90	TOP
J9	CON38	MDR36_VERT_FIX	-28900.00 m	7100.00 m	90	TOP
JPWR	CON6	POLCON.156/VH/TM1SQS/W.425/6	-29540.00 m	2790.00 m	0	TOP
U4	EPM3128ATC100	QUAD.025/100/WG.885	-22800.00 m	3525.00 m	0	TOP
J1	RJ-45S	RJ-45S_FIX_LARGE	-17500.00 m	3600.00 m	0	TOP
J2	RJ-45S	RJ-45S_FIX_LARGE	-16400.00 m	3600.00 m	0	TOP
J10	RJ-45S	RJ-45S_FIX_LARGE	-28700.00 m	7900.00 m	0	TOP
J12	RJ-45S	RJ-45S_FIX_LARGE	-21500.00 m	7900.00 m	0	TOP
J14	RJ-45S	RJ-45S_FIX_LARGE	-20700.00 m	7900.00 m	0	TOP
J16	RJ-45S	RJ-45S_FIX_LARGE	-19900.00 m	7900.00 m	0	TOP
J18	RJ-45S	RJ-45S_FIX_LARGE	-19100.00 m	7900.00 m	0	TOP
J20	RJ-45S	RJ-45S_FIX_LARGE	-18300.00 m	7900.00 m	0	TOP
J22	RJ-45S	RJ-45S_FIX_LARGE	-17500.00 m	7900.00 m	0	TOP
J24	RJ-45S	RJ-45S_FIX_LARGE	-16700.00 m	7900.00 m	0	TOP
J26	RJ-45S	RJ-45S_FIX_LARGE	-15900.00 m	7900.00 m	0	TOP
J28	RJ-45S	RJ-45S_FIX_LARGE	-27900.00 m	7900.00 m	0	TOP
J30	RJ-45S	RJ-45S_FIX_LARGE	-27100.00 m	7900.00 m	0	TOP
J32	RJ-45S	RJ-45S_FIX_LARGE	-26300.00 m	7900.00 m	0	TOP
J34	RJ-45S	RJ-45S_FIX_LARGE	-25500.00 m	7900.00 m	0	TOP
J36	RJ-45S	RJ-45S_FIX_LARGE	-24700.00 m	7900.00 m	0	TOP
J38	RJ-45S	RJ-45S_FIX_LARGE	-23900.00 m	7900.00 m	0	TOP
J40	RJ-45S	RJ-45S_FIX_LARGE	-23100.00 m	7900.00 m	0	TOP
J42	RJ-45S	RJ-45S_FIX_LARGE	-22300.00 m	7900.00 m	0	TOP
J8	RJ-45S	RJ-45S_FIX_LARGE	-29500.00 m	7900.00 m	0	TOP
CA1	0.1UF	SM/C_0805	-29158.00 m	2625.00 m	180	BOTTOM
CA10	0.1UF	SM/C_0805	-16500.00 m	7058.00 m	270	TOP
CA11	0.1UF	SM/C_0805	-15775.00 m	7058.00 m	270	TOP
CA12	0.1UF	SM/C_0805	-27700.00 m	7058.00 m	270	TOP
CA13	0.1UF	SM/C_0805	-26900.00 m	7058.00 m	270	TOP
CA14	0.1UF	SM/C_0805	-26100.00 m	7058.00 m	270	TOP
CA15	0.1UF	SM/C_0805	-25300.00 m	7058.00 m	270	TOP
CA16	0.1UF	SM/C_0805	-24500.00 m	7058.00 m	270	TOP
CA17	0.1UF	SM/C_0805	-23700.00 m	7058.00 m	270	TOP
CA18	0.1UF	SM/C_0805	-22900.00 m	7058.00 m	270	TOP
CA19	0.1UF	SM/C_0805	-22100.00 m	7058.00 m	270	TOP
CA2	0.1UF	SM/C_0805	-29300.00 m	7033.00 m	270	TOP
CA3	0.1UF	SM/C_0805	-28500.00 m	7058.00 m	270	TOP
CA4	0.1UF	SM/C_0805	-21300.00 m	7058.00 m	270	TOP
CA5	0.1UF	SM/C_0805	-20500.00 m	7058.00 m	270	TOP
CA6	0.1UF	SM/C_0805	-19700.00 m	7058.00 m	270	TOP
CA7	0.1UF	SM/C_0805	-18900.00 m	7058.00 m	270	TOP
CA8	0.1UF	SM/C_0805	-18100.00 m	7058.00 m	270	TOP
CA9	0.1UF	SM/C_0805	-17300.00 m	7058.00 m	270	TOP
CD1	0.1UF	SM/C_0805	-28833.00 m	2625.00 m	180	BOTTOM
CD10	0.1UF	SM/C_0805	-16500.00 m	6658.00 m	270	TOP
CD11	0.1UF	SM/C_0805	-15775.00 m	6683.00 m	270	TOP
CD12	0.1UF	SM/C_0805	-27700.00 m	6683.00 m	270	TOP
CD13	0.1UF	SM/C_0805	-26900.00 m	6683.00 m	270	TOP
CD14	0.1UF	SM/C_0805	-26100.00 m	6683.00 m	270	TOP
CD15	0.1UF	SM/C_0805	-25300.00 m	6683.00 m	270	TOP
CD16	0.1UF	SM/C_0805	-24500.00 m	6683.00 m	270	TOP
CD17	0.1UF	SM/C_0805	-23700.00 m	6683.00 m	270	TOP
CD18	0.1UF	SM/C_0805	-22900.00 m	6683.00 m	270	TOP
CD19	0.1UF	SM/C_0805	-22100.00 m	6683.00 m	270	TOP
CD2	0.1UF	SM/C_0805	-29300.00 m	6683.00 m	270	TOP
CD3	0.1UF	SM/C_0805	-28500.00 m	6683.00 m	270	TOP
CD4	0.1UF	SM/C_0805	-21300.00 m	6683.00 m	270	TOP
CD5	0.1UF	SM/C_0805	-20500.00 m	6683.00 m	270	TOP
CD6	0.1UF	SM/C_0805	-19700.00 m	6658.00 m	270	TOP
CD7	0.1UF	SM/C_0805	-18900.00 m	6658.00 m	270	TOP
CD8	0.1UF	SM/C_0805	-18100.00 m	6658.00 m	270	TOP
CD9	0.1UF	SM/C_0805	-17300.00 m	6658.00 m	270	TOP
CV1	0.1UF	SM/C_0805	-29483.00 m	2625.00 m	180	BOTTOM
CV2	0.1UF	SM/C_0805	-19258.00 m	3750.00 m	0	BOTTOM
CV3	0.1UF	SM/C_0805	-20658.00 m	3750.00 m	180	BOTTOM
CV4	0.1UF	SM/C_0805	-16658.00 m	3000.00 m	270	TOP
CV5	0.1UF	SM/C_0805	-26383.00 m	3725.00 m	180	BOTTOM
CV6	0.1UF	SM/C_0805	-28083.00 m	3750.00 m	180	BOTTOM

CV7	0.1UF	SM/C_0805	-23417.00 m	3550.00 m	0	BOTTOM
CV8	0.1UF	SM/C_0805	-22658.00 m	3600.00 m	180	BOTTOM
CV10	0.1UF	SM/C_0805	-20958.00 m	5000.00 m	270	TOP
CV11	0.1UF	SM/C_0805	-19358.00 m	5000.00 m	270	TOP
CV12	0.1UF	SM/C_0805	-17758.00 m	5000.00 m	270	TOP
CV13	0.1UF	SM/C_0805	-16158.00 m	5000.00 m	270	TOP
CV14	0.1UF	SM/C_0805	-27400.00 m	4958.00 m	270	TOP
CV15	0.1UF	SM/C_0805	-25758.00 m	5000.00 m	270	TOP
CV16	0.1UF	SM/C_0805	-24158.00 m	5000.00 m	270	TOP
CV17	0.1UF	SM/C_0805	-22558.00 m	5000.00 m	270	TOP
CV9	0.1UF	SM/C_0805	-29000.00 m	4958.00 m	270	TOP
JP1	JUMPER	SM/C_0805	-29950.00 m	5917.00 m	90	TOP
JP10	JUMPER	SM/C_0805	-20475.00 m	7892.00 m	90	TOP
JP11	JUMPER	SM/C_0805	-19658.00 m	5850.00 m	90	TOP
JP12	JUMPER	SM/C_0805	-19675.00 m	7892.00 m	90	TOP
JP13	JUMPER	SM/C_0805	-18858.00 m	5850.00 m	90	TOP
JP14	JUMPER	SM/C_0805	-18875.00 m	7892.00 m	90	TOP
JP15	JUMPER	SM/C_0805	-18058.00 m	5850.00 m	90	TOP
JP16	JUMPER	SM/C_0805	-18075.00 m	7892.00 m	90	TOP
JP17	JUMPER	SM/C_0805	-17258.00 m	5850.00 m	90	TOP
JP18	JUMPER	SM/C_0805	-17275.00 m	7892.00 m	90	TOP
JP19	JUMPER	SM/C_0805	-16458.00 m	5850.00 m	90	TOP
JP2	JUMPER	SM/C_0805	-30075.00 m	7892.00 m	90	TOP
JP20	JUMPER	SM/C_0805	-16475.00 m	7892.00 m	90	TOP
JP21	JUMPER	SM/C_0805	-28450.00 m	5842.00 m	90	TOP
JP22	JUMPER	SM/C_0805	-28475.00 m	7892.00 m	90	TOP
JP23	JUMPER	SM/C_0805	-27650.00 m	5842.00 m	90	TOP
JP24	JUMPER	SM/C_0805	-27675.00 m	7892.00 m	90	TOP
JP25	JUMPER	SM/C_0805	-26858.00 m	5850.00 m	90	TOP
JP26	JUMPER	SM/C_0805	-26875.00 m	7892.00 m	90	TOP
JP27	JUMPER	SM/C_0805	-26100.00 m	5842.00 m	90	TOP
JP28	JUMPER	SM/C_0805	-26075.00 m	7892.00 m	90	TOP
JP29	JUMPER	SM/C_0805	-25258.00 m	5850.00 m	90	TOP
JP3	JUMPER	SM/C_0805	-29300.00 m	5842.00 m	90	TOP
JP30	JUMPER	SM/C_0805	-25275.00 m	7892.00 m	90	TOP
JP31	JUMPER	SM/C_0805	-24458.00 m	5850.00 m	90	TOP
JP32	JUMPER	SM/C_0805	-24475.00 m	7892.00 m	90	TOP
JP33	JUMPER	SM/C_0805	-23658.00 m	5850.00 m	90	TOP
JP34	JUMPER	SM/C_0805	-23675.00 m	7892.00 m	90	TOP
JP35	JUMPER	SM/C_0805	-22858.00 m	5850.00 m	90	TOP
JP36	JUMPER	SM/C_0805	-22875.00 m	7892.00 m	90	TOP
JP4	JUMPER	SM/C_0805	-29275.00 m	7892.00 m	90	TOP
JP5	JUMPER	SM/C_0805	-22058.00 m	5850.00 m	90	TOP
JP6	JUMPER	SM/C_0805	-22075.00 m	7892.00 m	90	TOP
JP7	JUMPER	SM/C_0805	-21258.00 m	5850.00 m	90	TOP
JP8	JUMPER	SM/C_0805	-21275.00 m	7892.00 m	90	TOP
JP9	JUMPER	SM/C_0805	-20458.00 m	5850.00 m	90	TOP
R1		100 SM/R_0805_FIX	-17458.00 m	3350.00 m	0	TOP
R10		100 SM/R_0805_FIX	-18283.00 m	4775.00 m	180	TOP
R11		100 SM/R_0805_FIX	-18008.00 m	4775.00 m	0	TOP
R12		100 SM/R_0805_FIX	-16658.00 m	4750.00 m	180	TOP
R13		100 SM/R_0805_FIX	-16408.00 m	4750.00 m	0	TOP
R14		100 SM/R_0805_FIX	-27858.00 m	4775.00 m	180	TOP
R15		100 SM/R_0805_FIX	-27583.00 m	4775.00 m	0	TOP
R16		100 SM/R_0805_FIX	-26308.00 m	4775.00 m	180	TOP
R17		100 SM/R_0805_FIX	-25958.00 m	4725.00 m	0	TOP
R18		100 SM/R_0805_FIX	-24742.00 m	4775.00 m	180	TOP
R19		100 SM/R_0805_FIX	-24358.00 m	4775.00 m	0	TOP
R2		100 SM/R_0805_FIX	-17858.00 m	3350.00 m	0	TOP
R20		100 SM/R_0805_FIX	-23242.00 m	4750.00 m	180	TOP
R21		100 SM/R_0805_FIX	-22758.00 m	4775.00 m	0	TOP
R3		100 SM/R_0805_FIX	-17658.00 m	3350.00 m	0	TOP
R4		100 SM/R_0805_FIX	-29492.00 m	4775.00 m	180	TOP
R5		100 SM/R_0805_FIX	-29183.00 m	4775.00 m	0	TOP
R6		100 SM/R_0805_FIX	-21483.00 m	4775.00 m	180	TOP
R7		100 SM/R_0805_FIX	-21083.00 m	4750.00 m	0	TOP
R8		100 SM/R_0805_FIX	-19883.00 m	4775.00 m	180	TOP
R9		100 SM/R_0805_FIX	-19608.00 m	4775.00 m	0	TOP
R30	1K	SM/R_0805_FIX	-26358.00 m	2650.00 m	90	TOP
R31	1K	SM/R_0805_FIX	-25558.00 m	2600.00 m	0	TOP
R32	1K	SM/R_0805_FIX	-25400.00 m	2817.00 m	90	TOP
U1	SN65LVDS050	SOG.050/16/WG.244/L.375_FIX	-16325.00 m	2998.00 m	0	TOP
U10	SN65LVDS050	SOG.050/16/WG.244/L.375_FIX	-18125.00 m	4998.00 m	0	TOP
U11	SN65LVDS050	SOG.050/16/WG.244/L.375_FIX	-16525.00 m	4998.00 m	0	TOP
U12	SN65LVDS050	SOG.050/16/WG.244/L.375_FIX	-27725.00 m	4998.00 m	0	TOP
U13	SN65LVDS050	SOG.050/16/WG.244/L.375_FIX	-26125.00 m	4998.00 m	0	TOP
U14	SN65LVDS050	SOG.050/16/WG.244/L.375_FIX	-24525.00 m	4998.00 m	0	TOP
U15	SN65LVDS050	SOG.050/16/WG.244/L.375_FIX	-22925.00 m	4998.00 m	0	TOP
U7	SN65LVDS050	SOG.050/16/WG.244/L.375_FIX	-29325.00 m	4998.00 m	0	TOP
U8	SN65LVDS050	SOG.050/16/WG.244/L.375_FIX	-21325.00 m	4998.00 m	0	TOP
U9	SN65LVDS050	SOG.050/16/WG.244/L.375_FIX	-19725.00 m	4998.00 m	0	TOP
U2	SN65LVDS116	TSSO64_FIX	-28100.00 m	3600.00 m	90	TOP
U3	SN65LVDS116	TSSO64_FIX	-20700.00 m	3600.00 m	90	TOP
U5	SN65LVDS116	TSSO64_FIX	-26500.00 m	3600.00 m	90	TOP
U6	SN65LVDS116	TSSO64_FIX	-19250.00 m	3600.00 m	90	TOP