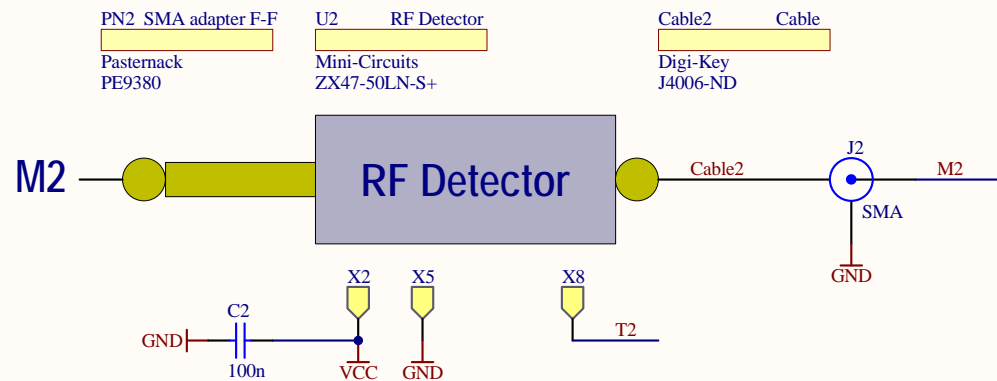
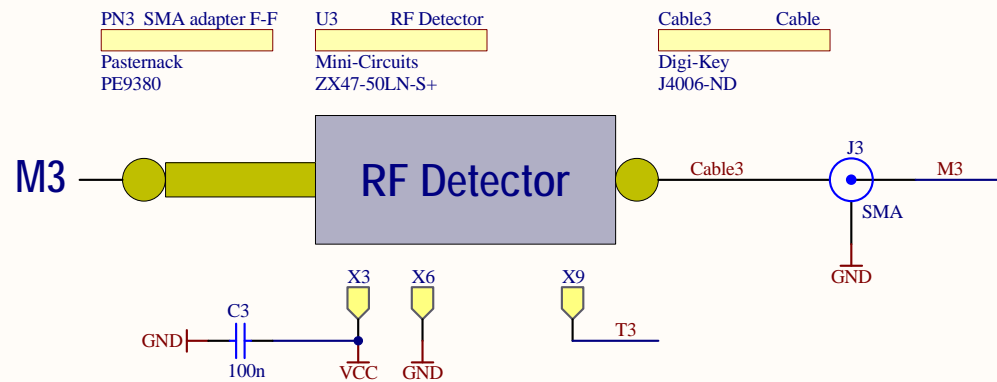


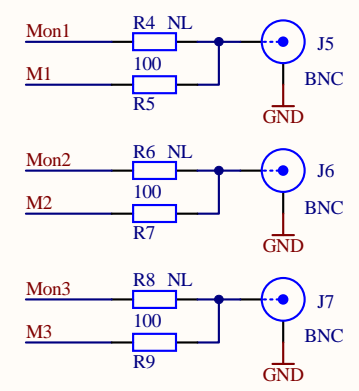
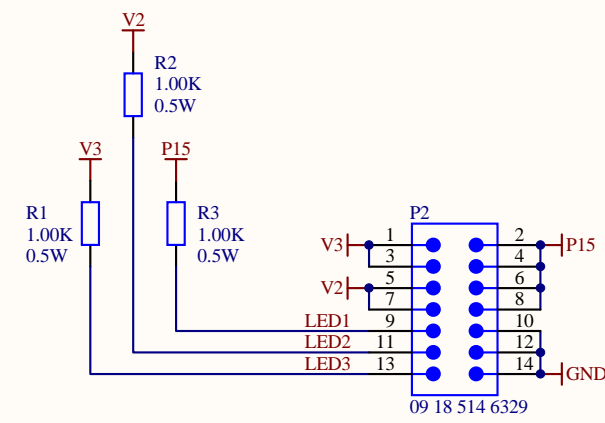
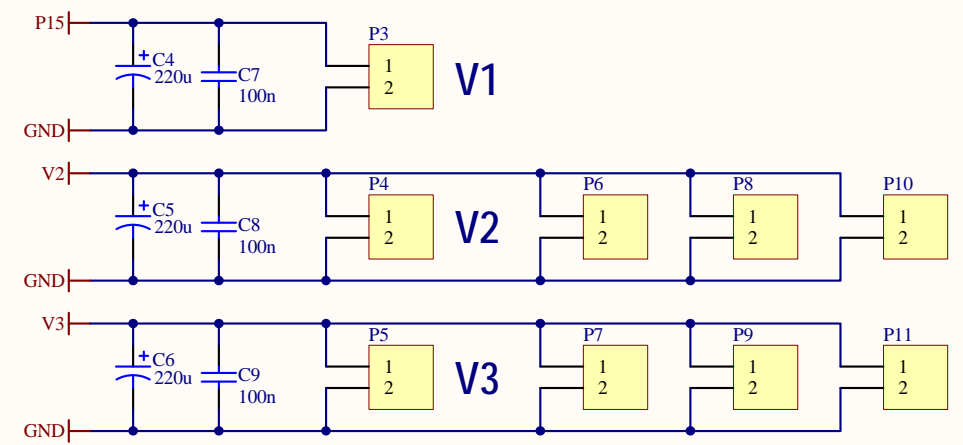
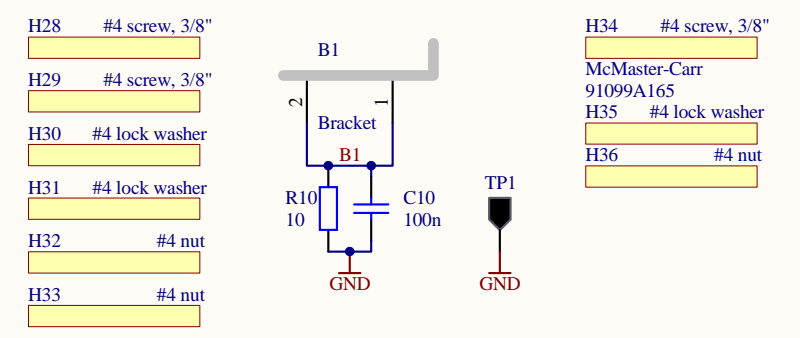
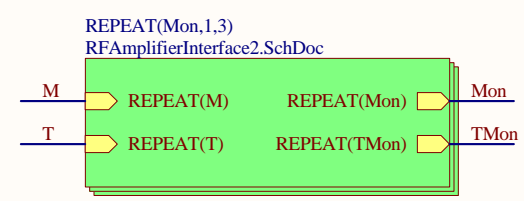
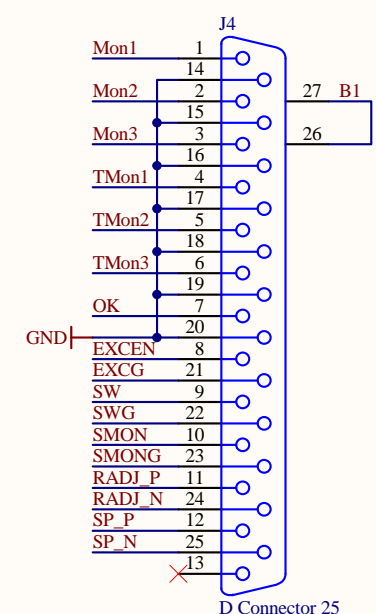
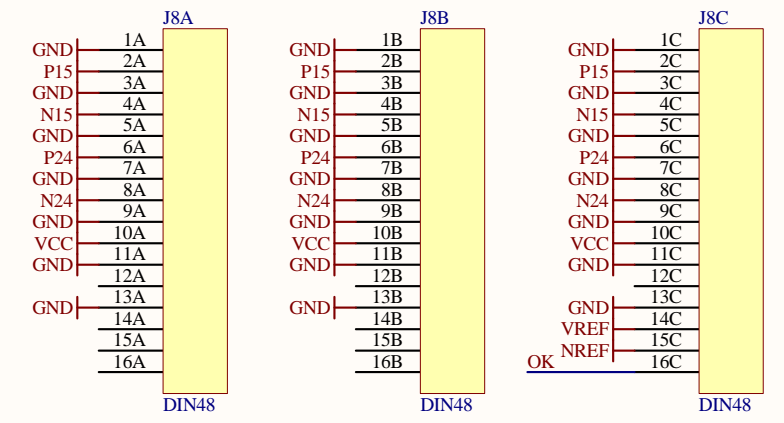
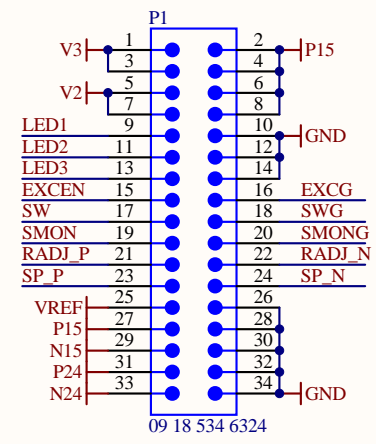
H1	M2.5 screw, 8mm	H10	M2.5 screw, 8mm	H19	M2.5 screw, 8mm
H2	M2.5 lock washer	H11	M2.5 lock washer	H20	M2.5 lock washer
H3	M2.5 nut	H12	M2.5 nut	H21	M2.5 nut



H4	M2.5 screw, 8mm	H13	M2.5 screw, 8mm	H22	M2.5 screw, 8mm
H5	M2.5 lock washer	H14	M2.5 lock washer	H23	M2.5 lock washer
H6	M2.5 nut	H15	M2.5 nut	H24	M2.5 nut



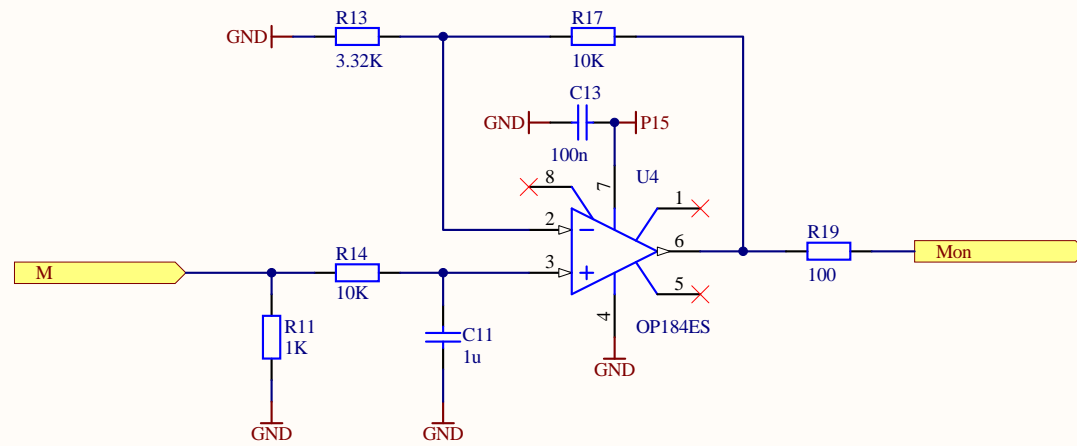
H7	M2.5 screw, 8mm	H16	M2.5 screw, 8mm	H25	M2.5 screw, 8mm
H8	M2.5 lock washer	H17	M2.5 lock washer	H26	M2.5 lock washer
H9	M2.5 nut	H18	M2.5 nut	H27	M2.5 nut



To make the BNC outputs slow monitors:  
Move R4, R6 and R8 to R5, R7 and R9, respectively.

The fast monitors have 4x less gain than the slow ones.

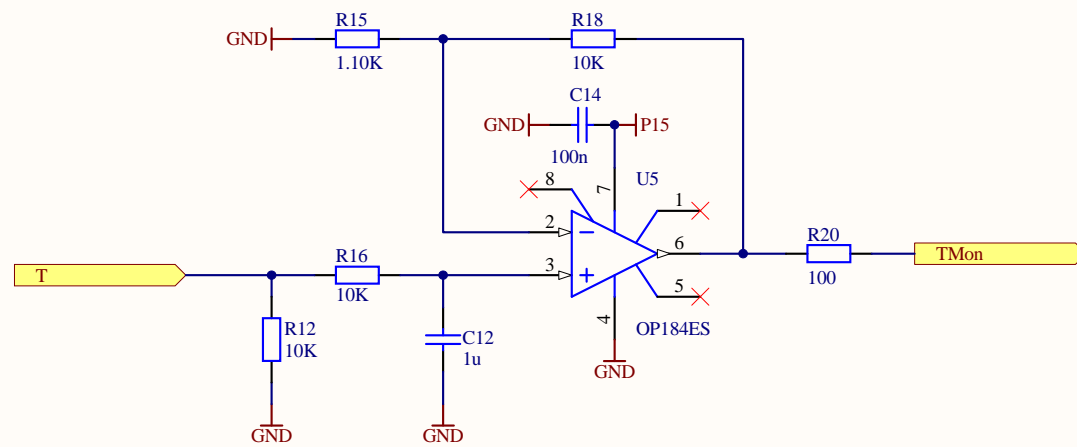
Title		
<b>RF Distribution Amplifier: Interface</b>		
Size	Number	Revision
B	<b>D1000064</b>	<b>A</b>
Date:	1/12/2010	Sheet 1 of 2
File:	C:\Users\...\RFAmplifierInterface1.SchDoc Drawn By: Daniel Sigg	



30 dBm	2.3V
20 dBm	3.2V
10 dBm	4.2V
0 dBm	5.2V
-10 dBm	6.2V
-20 dBm	7.2V
-30 dBm	8.0V

nominal slope: -100mV/dBm

$$P = 12 \text{ dBm} - 10 \text{ dBm/V} * (U - 4V)$$



$$T = 20^{\circ}\text{C} + 50^{\circ}\text{C/V} * (U - 6V)$$

Title		
<b>RF Distribution Amplifier: Interface</b>		
Size	Number	Revision
B	<b>D1000064</b>	<b>A</b>
Date:	1/12/2010	Sheet 2 of 2
File:	C:\Users\...\RFAmplifierInterface2.SchDoc	Drawn By: Daniel Sigg