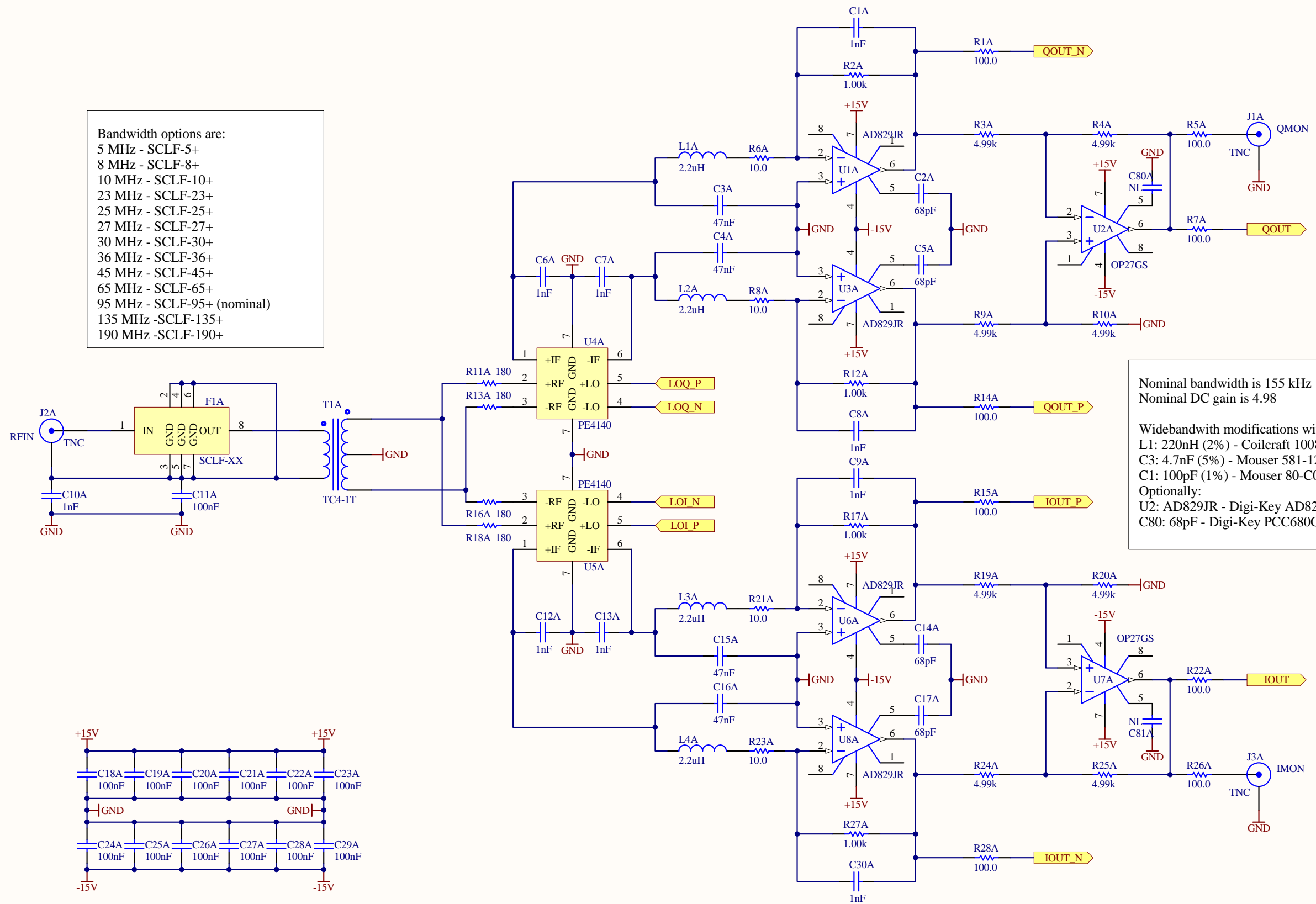
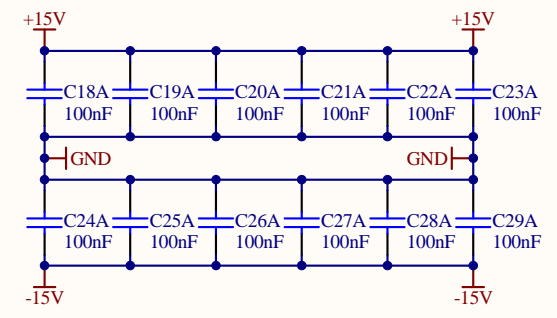


Bandwidth options are:
 5 MHz - SCLF-5+
 8 MHz - SCLF-8+
 10 MHz - SCLF-10+
 23 MHz - SCLF-23+
 25 MHz - SCLF-25+
 27 MHz - SCLF-27+
 30 MHz - SCLF-30+
 36 MHz - SCLF-36+
 45 MHz - SCLF-45+
 65 MHz - SCLF-65+
 95 MHz - SCLF-95+ (nominal)
 135 MHz -SCLF-135+
 190 MHz -SCLF-190+

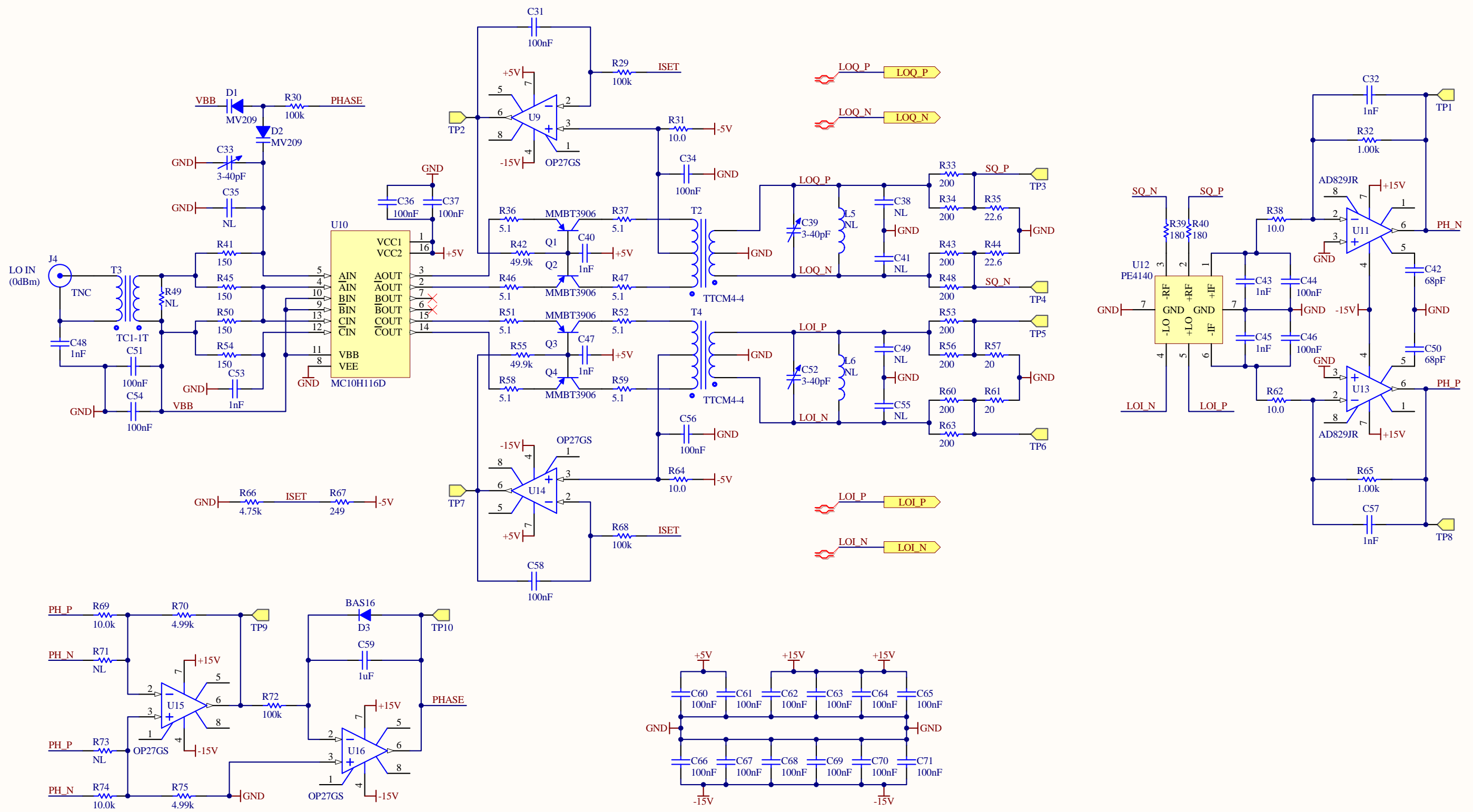


Nominal bandwidth is 155 kHz
 Nominal DC gain is 4.98

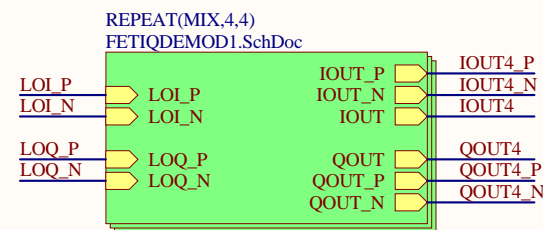
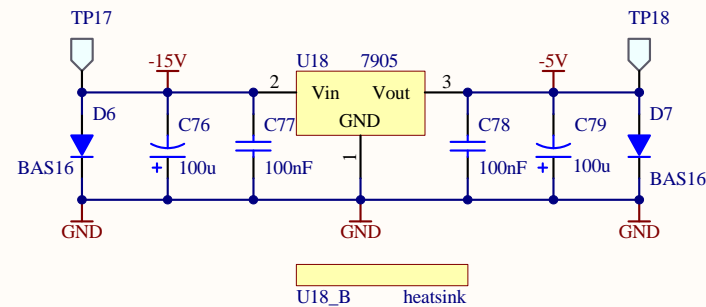
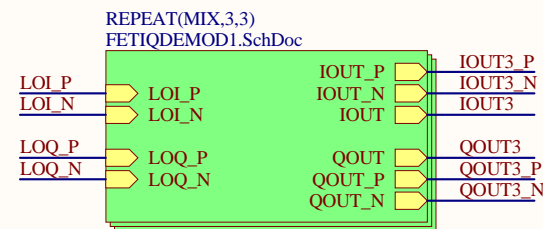
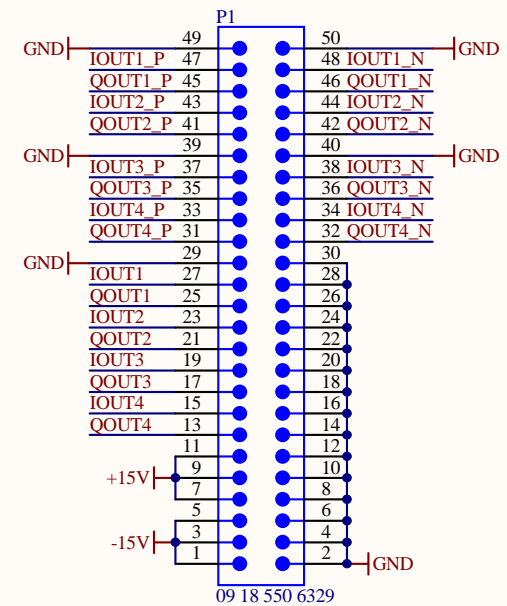
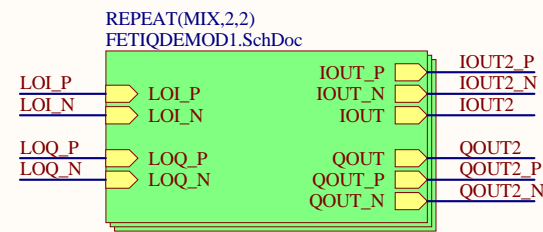
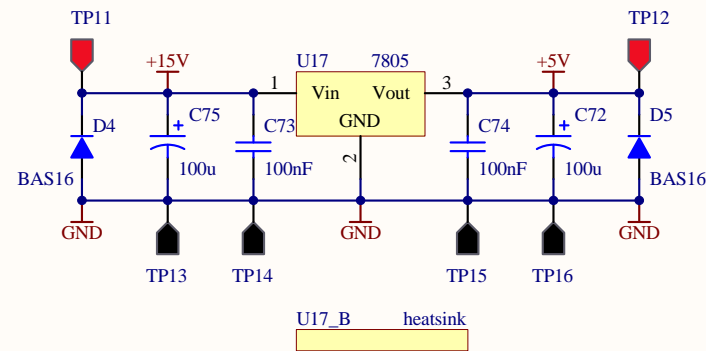
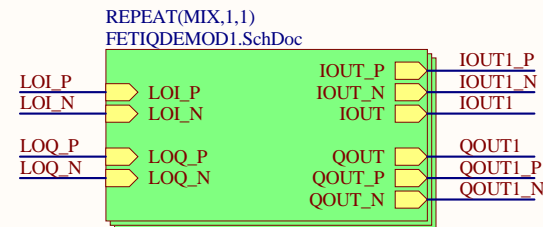
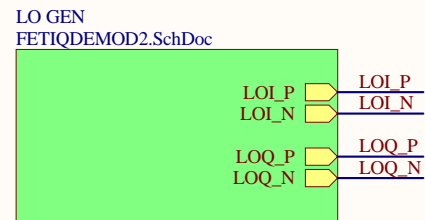
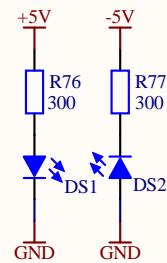
Widebandwidth modifications with 1.49 MHz bandwidth:
 L1: 220nH (2%) - Coilcraft 1008CS-221XGLB
 C3: 4.7nF (5%) - Mouser 581-12065A472F
 C1: 100pF (1%) - Mouser 80-C0805C101F1G
 Optionally:
 U2: AD829JR - Digi-Key AD829JRZ-ND
 C80: 68pF - Digi-Key PCC680CGCT-ND



Title		
FETIQDEM0D/ MIXER CHANNEL		
Size	Number	Revision
B	D070375	A
Date:	2/10/2009	Sheet1 of 3
File:	C:\User\...\FETIQDEM0D1.SchDoc	Drawn By: Paul Schwinberg



Title		
FETIQDEMOD/ LO GENERATION		
Size	Number	Revision
B	D070375	A
Date:	2/10/2009	Sheet2 of 3
File:	C:\User\...\FETIQDEMOD2.SchDoc	Drawn By: Paul Schwinberg



- H1 #4 screw, 3/8" H2 #4 screw, 3/8"
- H3 #4 lock washer H4 #4 lock washer
- H5 #4 nut H6 #4 nut

Title FETIQDEM0D/ TOP		
Size B	Number D070375	Revision A
Date: 2/10/2009	Sheet3 of 3	
File: C:\User\...\FETIQDEM0D3.SchDoc	Drawn By: Paul Schwinberg	