



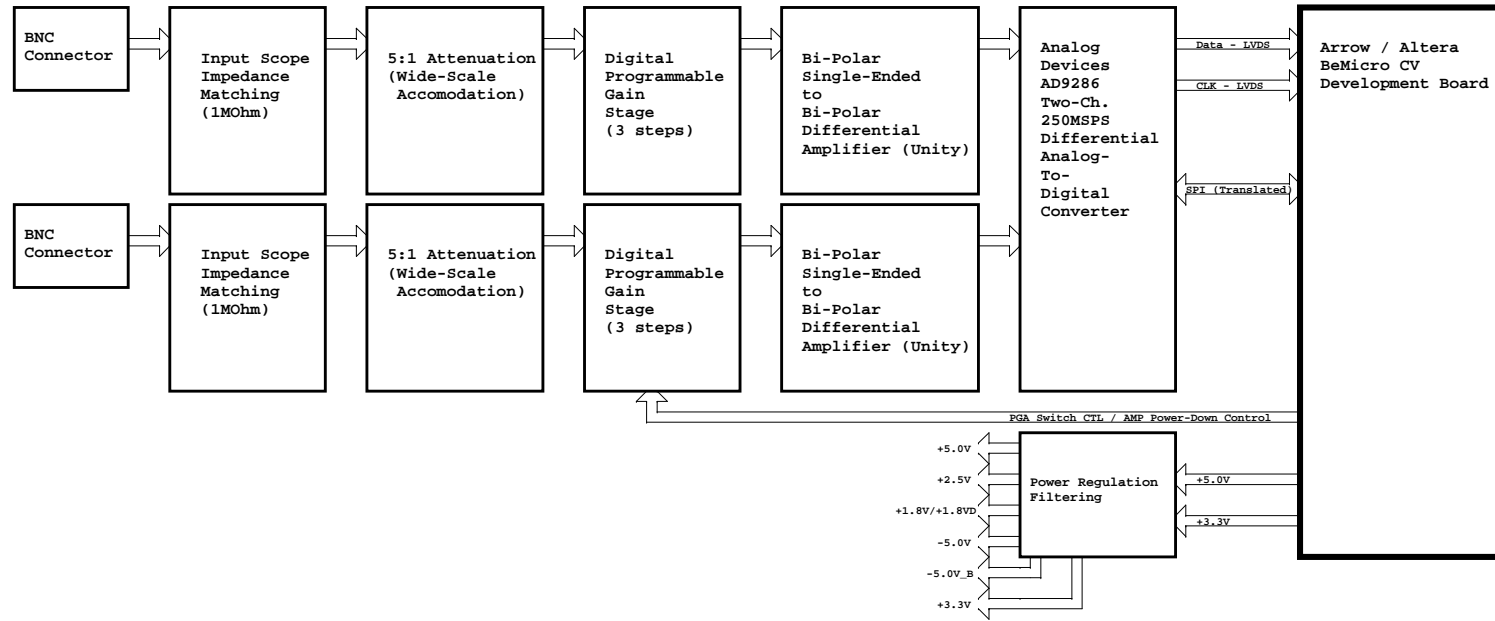
*nCk Research, LLC (2013,14)*

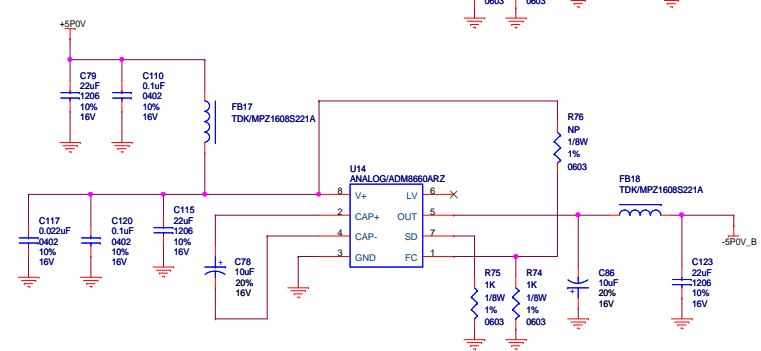
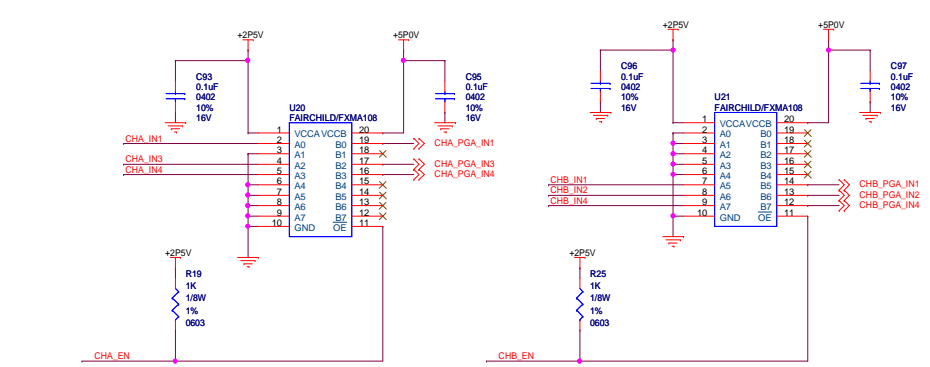
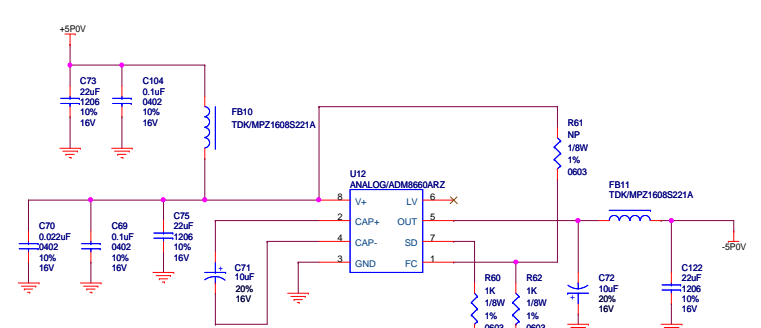
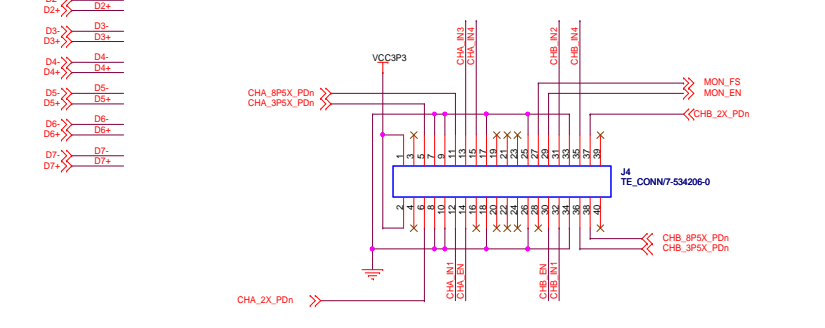
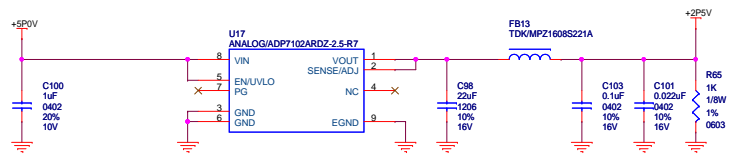
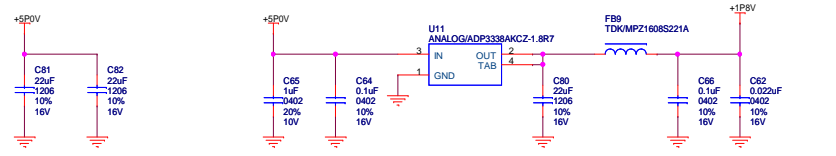
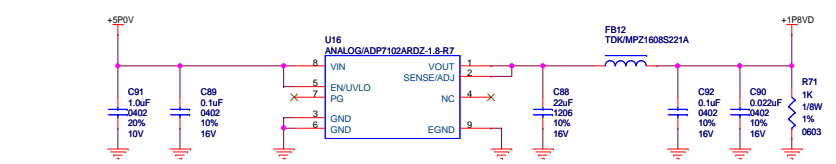
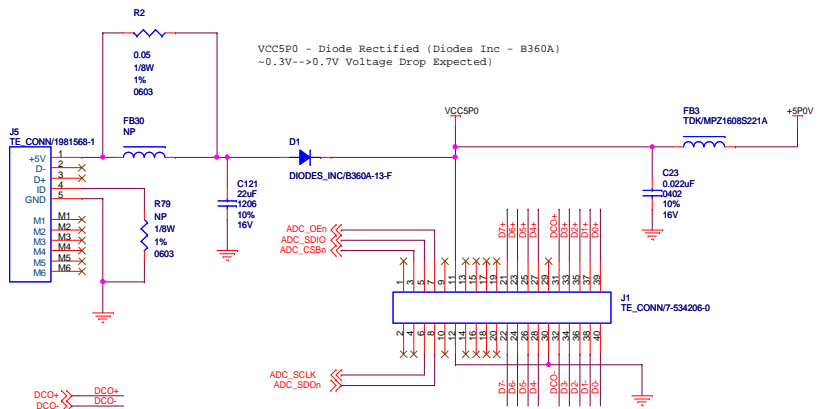
*BeScope - Digital Oscilloscope for BeMicro CV Development Kit*

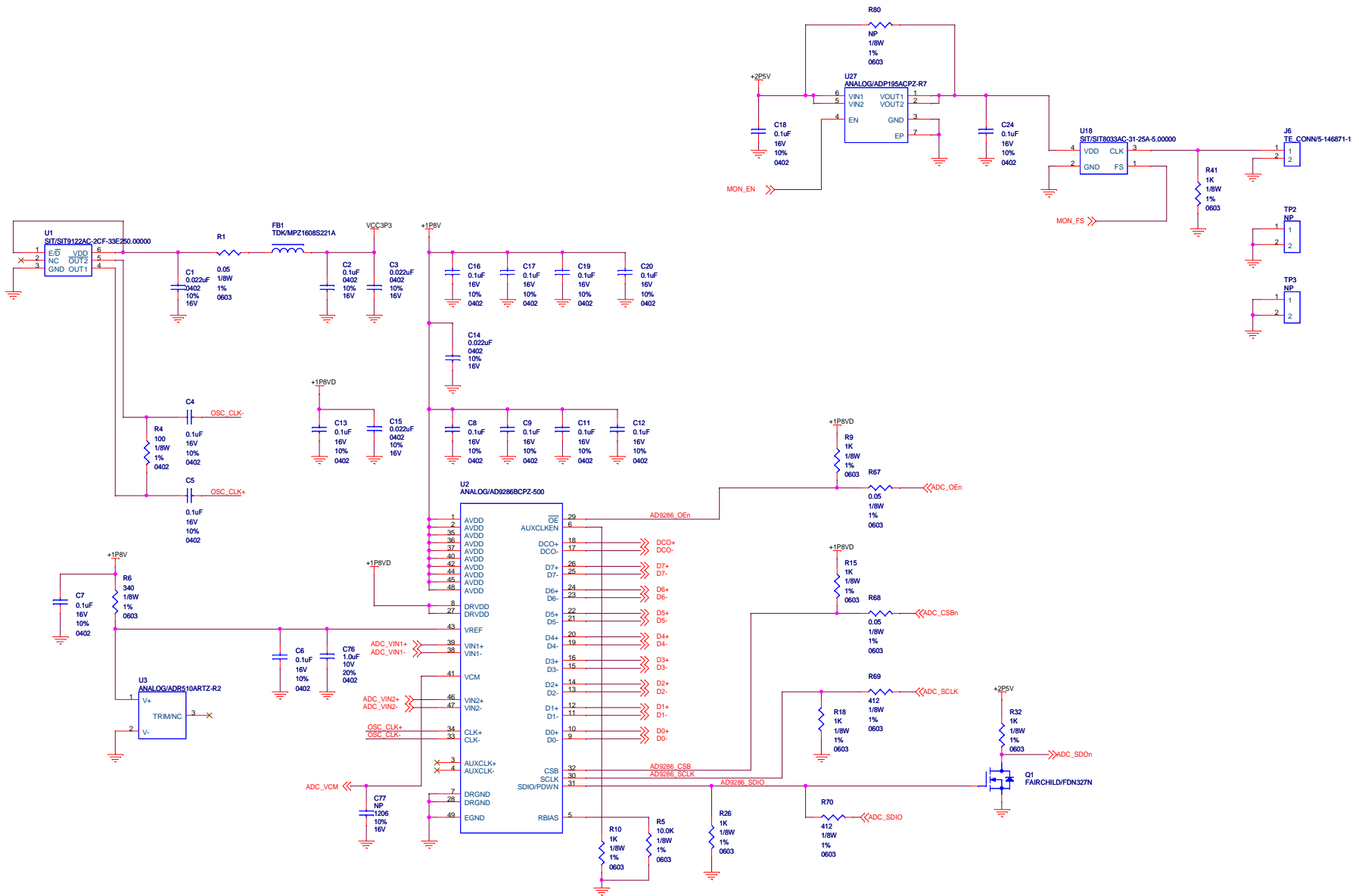
BeScope BeMicro CV Board Title Page	BeScope BeMicro CV Board System Diagram	BeScope BeMicro CV Board Power & Headers	BeScope BeMicro CV Board Analog-to-Digital Converter	BeScope BeMicro CV Board Oscilloscope Channel A	BeScope BeMicro CV Board Oscilloscope Channel B
OSC - Page 1	OSC - Page 2	OSC - Page 3	OSC - Page 4	OSC - Page 5	OSC - Page 6

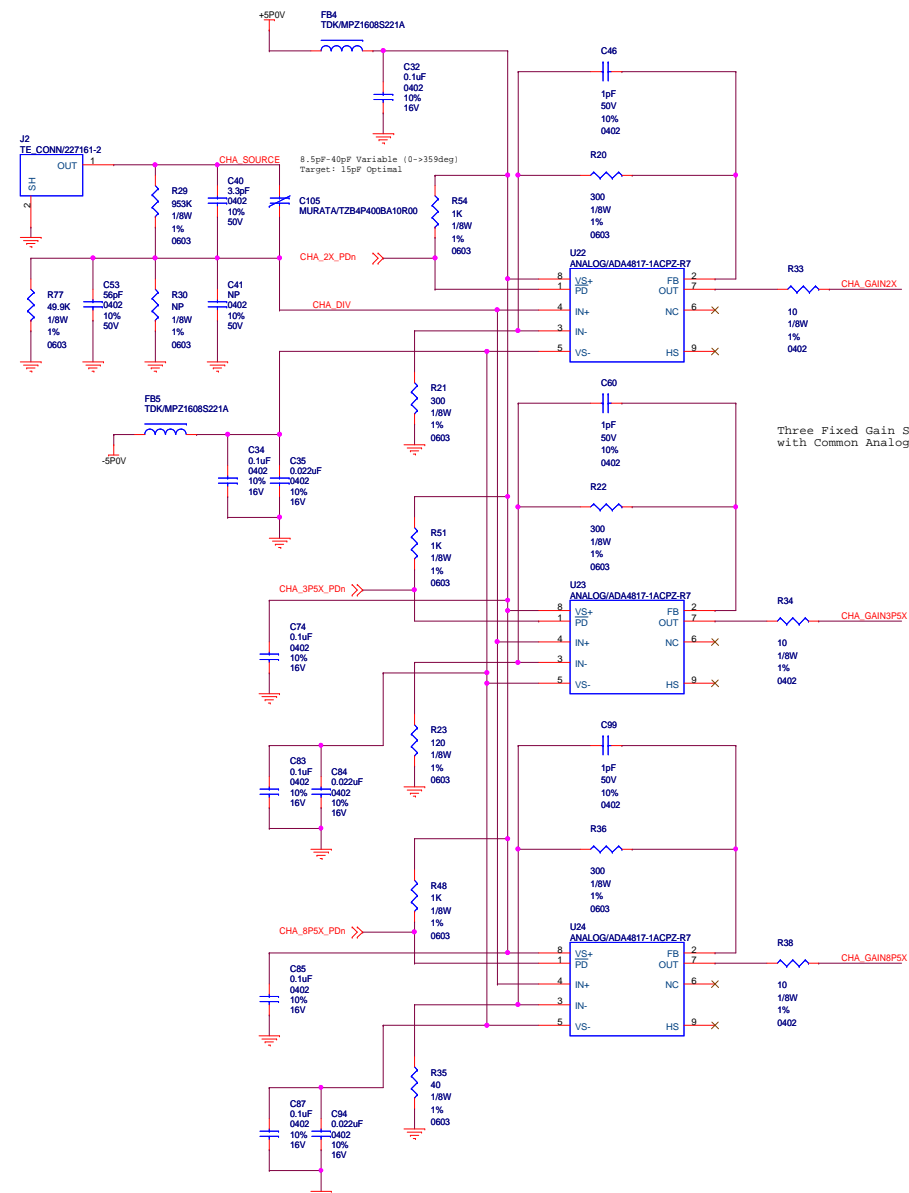
nCk Research, LLC (2013,14)

BeScope - Digital Oscilloscope for BeMicro CV Development Kit



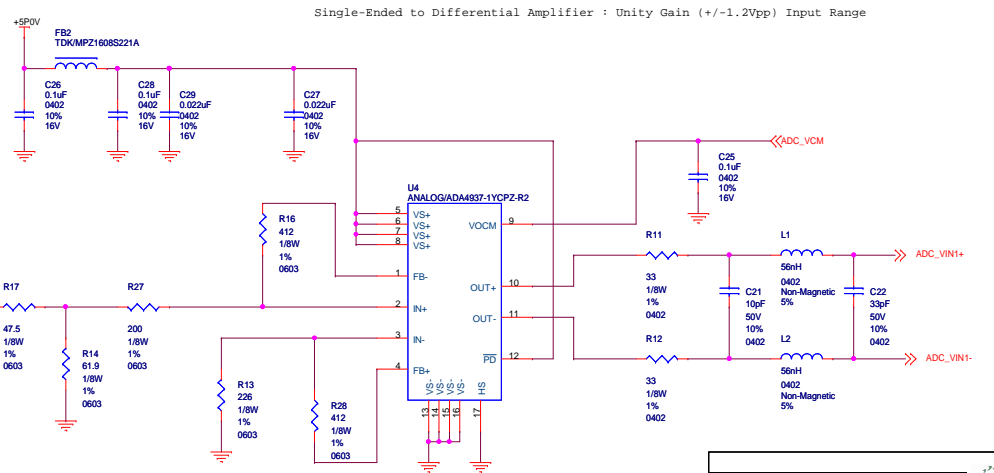
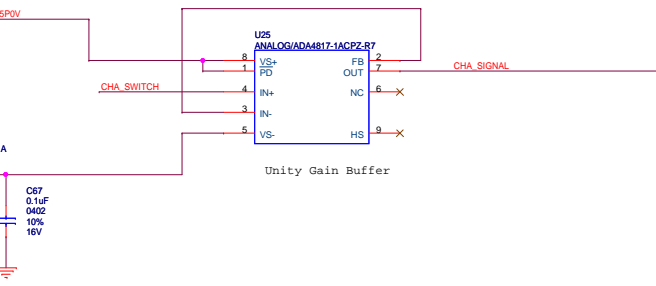
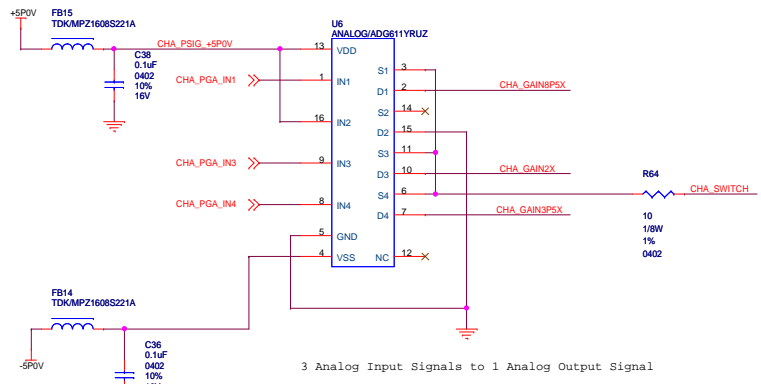


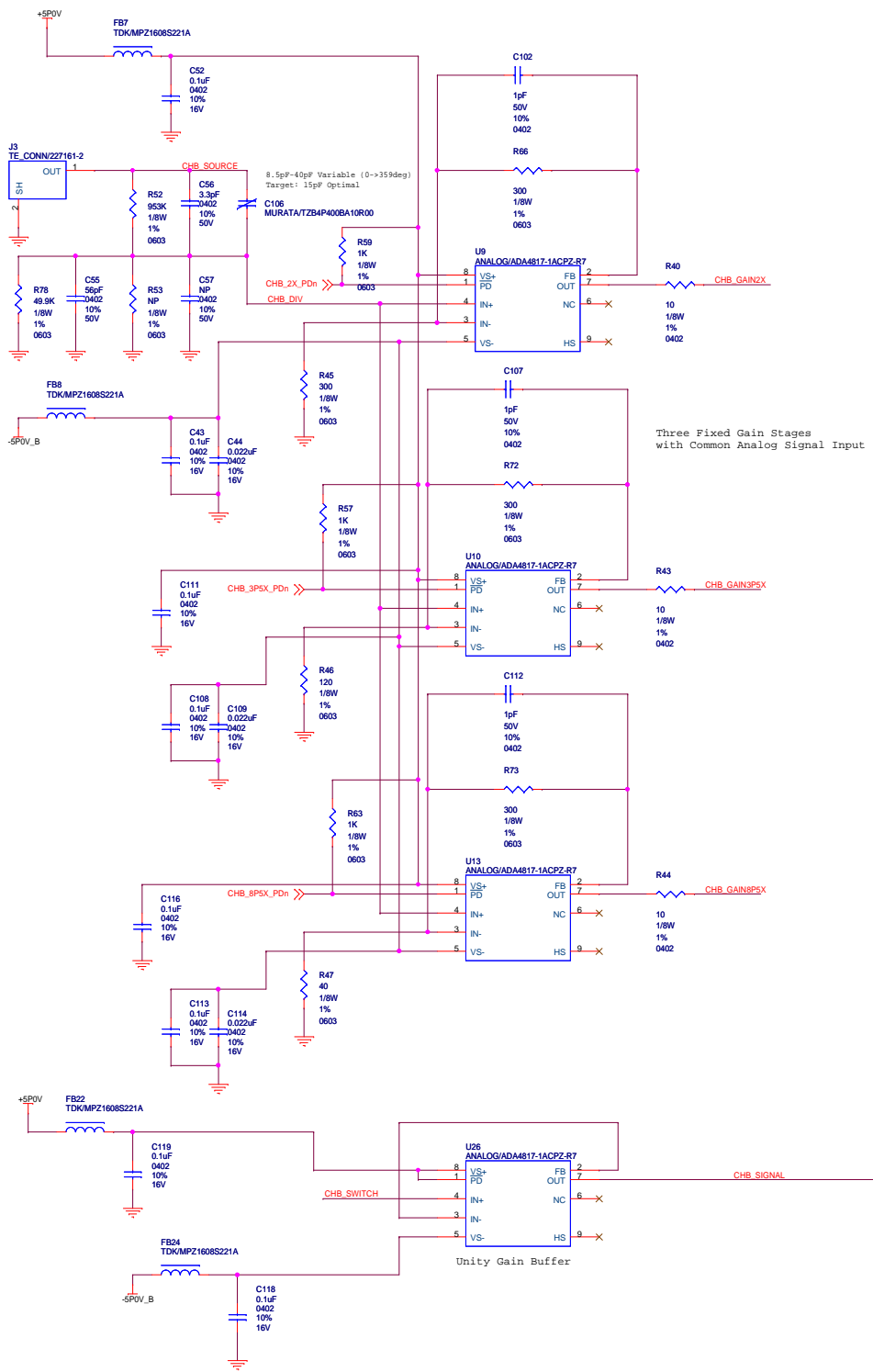




R20, R21 = 300 Ohm | GAIN = 2, FULL RANGE (1:1 MOhm Probe) = +/-6V, 46.875mV/LSB Resolution  
 R22, R23 = 300,120 Ohm | GAIN = 3.5, FULL RANGE (1:1 MOhm Probe) = +/-3.42V, 26.718mV/LSB Resolution  
 R35, R36 = 300,40 Ohm | GAIN = 8.5, FULL RANGE (1:1 MOhm Probe) = +/-1.5V, 11.718mV/LSB Resolution

R20, R21 = 300 Ohm | GAIN = 2, FULL RANGE (10:1 MOhm Probe) = +/-60V, 468.750mV/LSB Resolution  
 R22, R23 = 300,120 Ohm | GAIN = 3.5, FULL RANGE (10:1 MOhm Probe) = +/-34.2V, 267.1875mV/LSB Resolution  
 R35, R36 = 300,40 Ohm | GAIN = 8.5, FULL RANGE (10:1 MOhm Probe) = +/-15V, 117.1875mV/LSB Resolution





R45, R66 = 300 Ohm | GAIN = 2, FULL RANGE (1:1 MOhm Probe) = +/-6V, 46.875mV/LSB Resolution  
 R46, R72 = 300,120 Ohm | GAIN = 3.5, FULL RANGE (1:1 MOhm Probe) = +/-3.42V, 26.718mV/LSB Resolution  
 R47, R73 = 300,40 Ohm | GAIN = 8.5, FULL RANGE (1:1 MOhm Probe) = +/-1.5V, 11.718mV/LSB Resolution

R45, R66 = 300 Ohm | GAIN = 2, FULL RANGE (10:1 MOhm Probe) = +/-60V, 468.750mV/LSB Resolution  
 R46, R72 = 300,120 Ohm | GAIN = 3.5, FULL RANGE (10:1 MOhm Probe) = +/-34.2V, 267.1875mV/LSB Resolution  
 R47, R73 = 300,40 Ohm | GAIN = 8.5, FULL RANGE (10:1 MOhm Probe) = +/-15V, 117.1875mV/LSB Resolution

