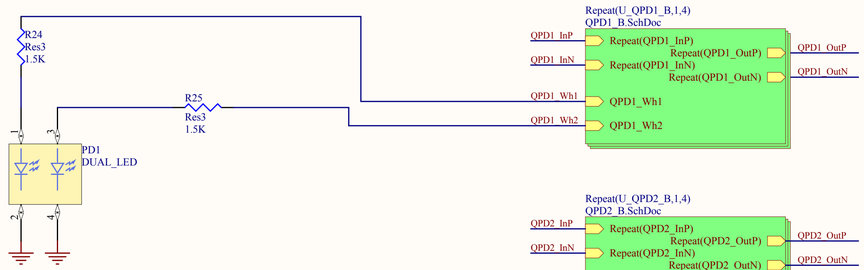

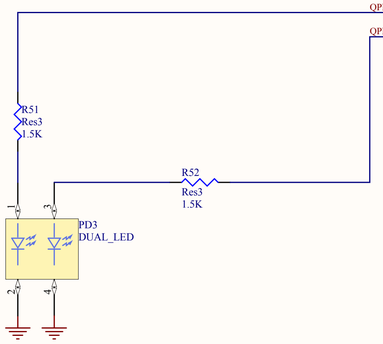

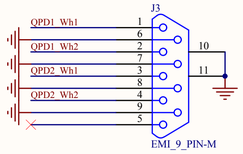

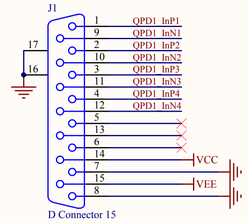

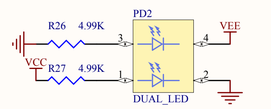

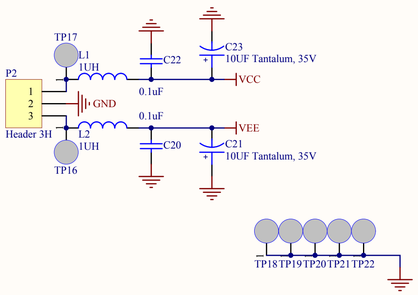

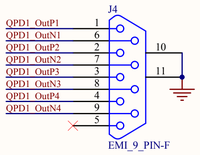

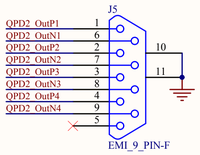

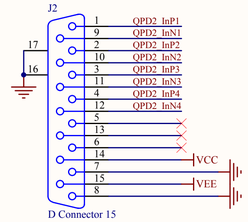

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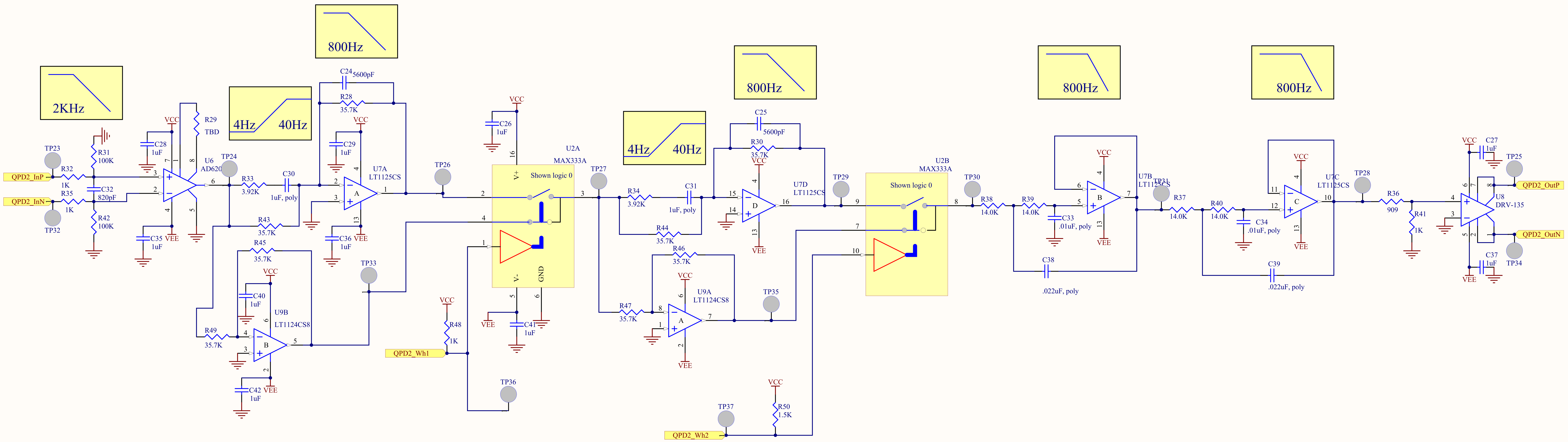
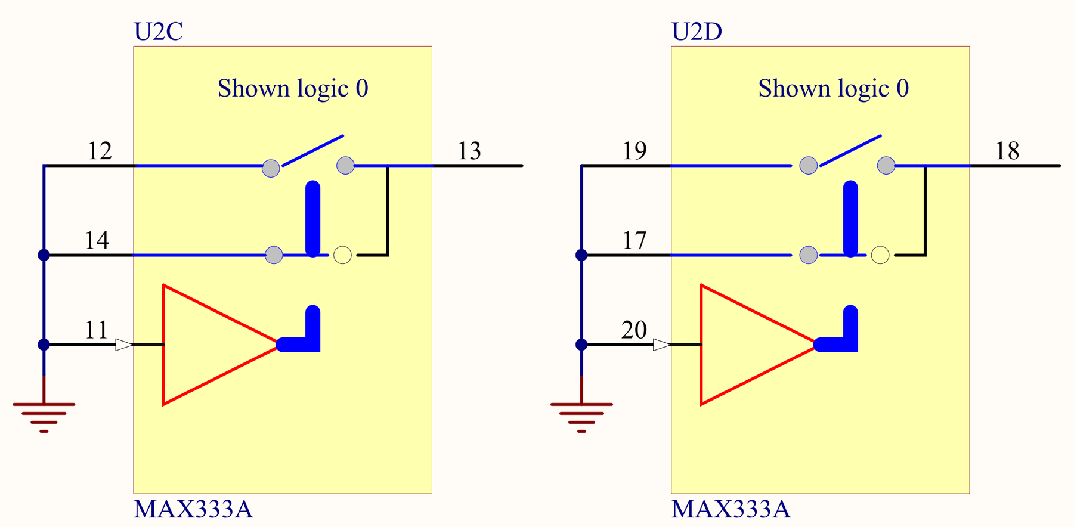
Size: C	DCC Number: D060214-00-C		*Ligo Project* *California Institute of Technology* *Massachusetts Institute of Technology*
Drawn by: Ben Abbott	Date: 8/15/2007	Revision: C	
File: C:\Ben\40m\DC_PD\QPD Whitening Chassis\QPD White RevB\QPD [illegible]		Sheet 1 of 3	

Nominal Whitening is 2 ea. 4Hz Zeros, and 2 ea. 40Hz Poles. Gain -4dB (Vgain=0) @DC.

There is also 2 poles @ 800Hz, and 2 ea. 2-pole 800Hz Butterworth LPFs.

QPD A





Title	*QPD Whitening Chassis Channel A*
Size: C	DCC Number: D060214-00-C
Drawn by: Ben Abbott	Date: 8/15/2007 — Revision: C
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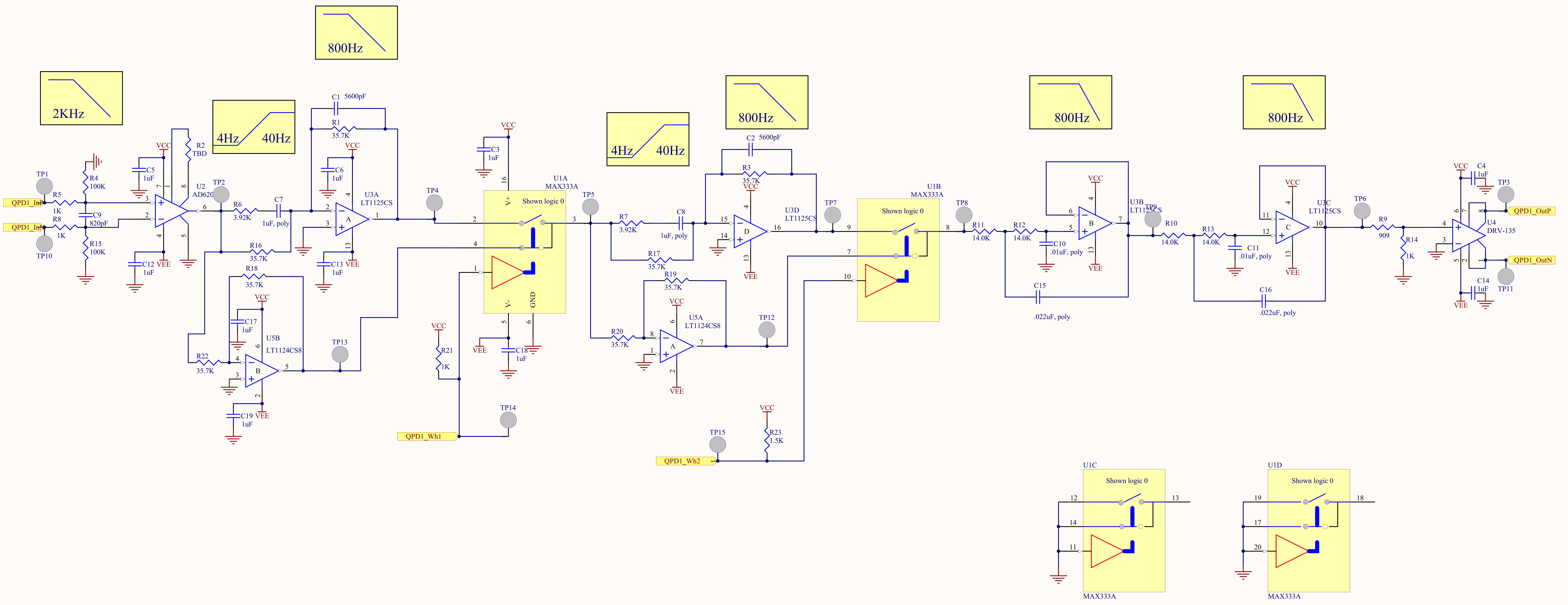
Ligo Project
California Institute of Technology
Massachusetts Institute of Technology

Nominal Whitening is 2 ea. 4Hz Zeros, and 2 ea. 40Hz Poles. Gain -4dB (Vgain=0) @DC.

There is also 2 poles @ 800Hz, and 2 ea. 2-pole 800Hz Butterworth LPFs.

QPD B



Title QPD Whitening Chassis Channel A

Size: C

DCC Number: D060214-00-C

Ligo Project
California Institute of Technology
Massachusetts Institute of Technology

Drawn by: Ben Abbott

Date: 8/15/2007

Revision: C

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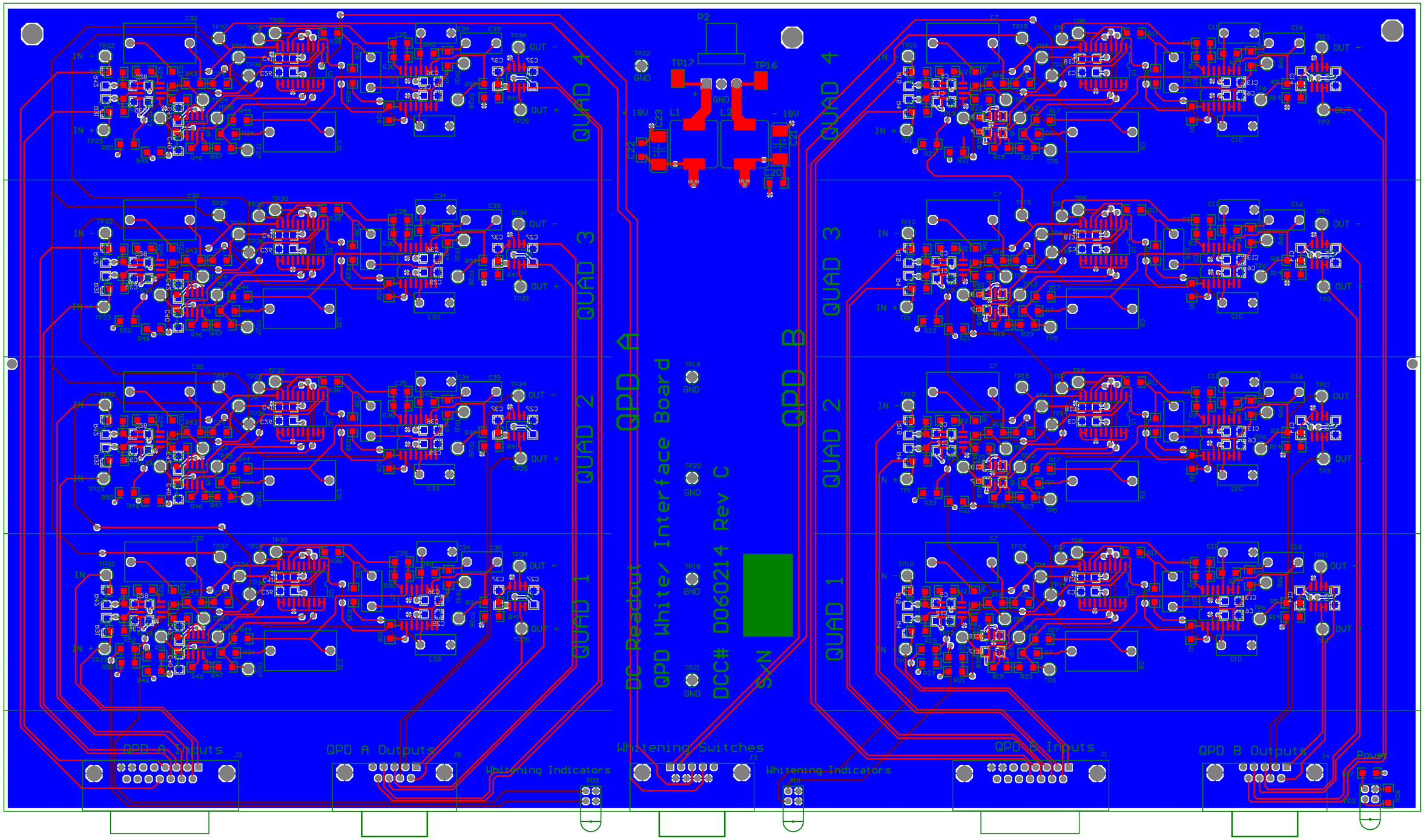
QUAD 4
QUAD 3
QUAD 2
QUAD 1
QPD A
QPD B
DC Readout
QPD Whitey Interface Board
DCC# D060214 Rev C
S/N
QPD A Inputs
QPD A Outputs
Whitening Switches
Whitening Indicators
QPD B Inputs
QPD B Outputs
Whitening Indicators