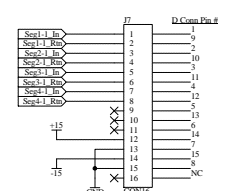
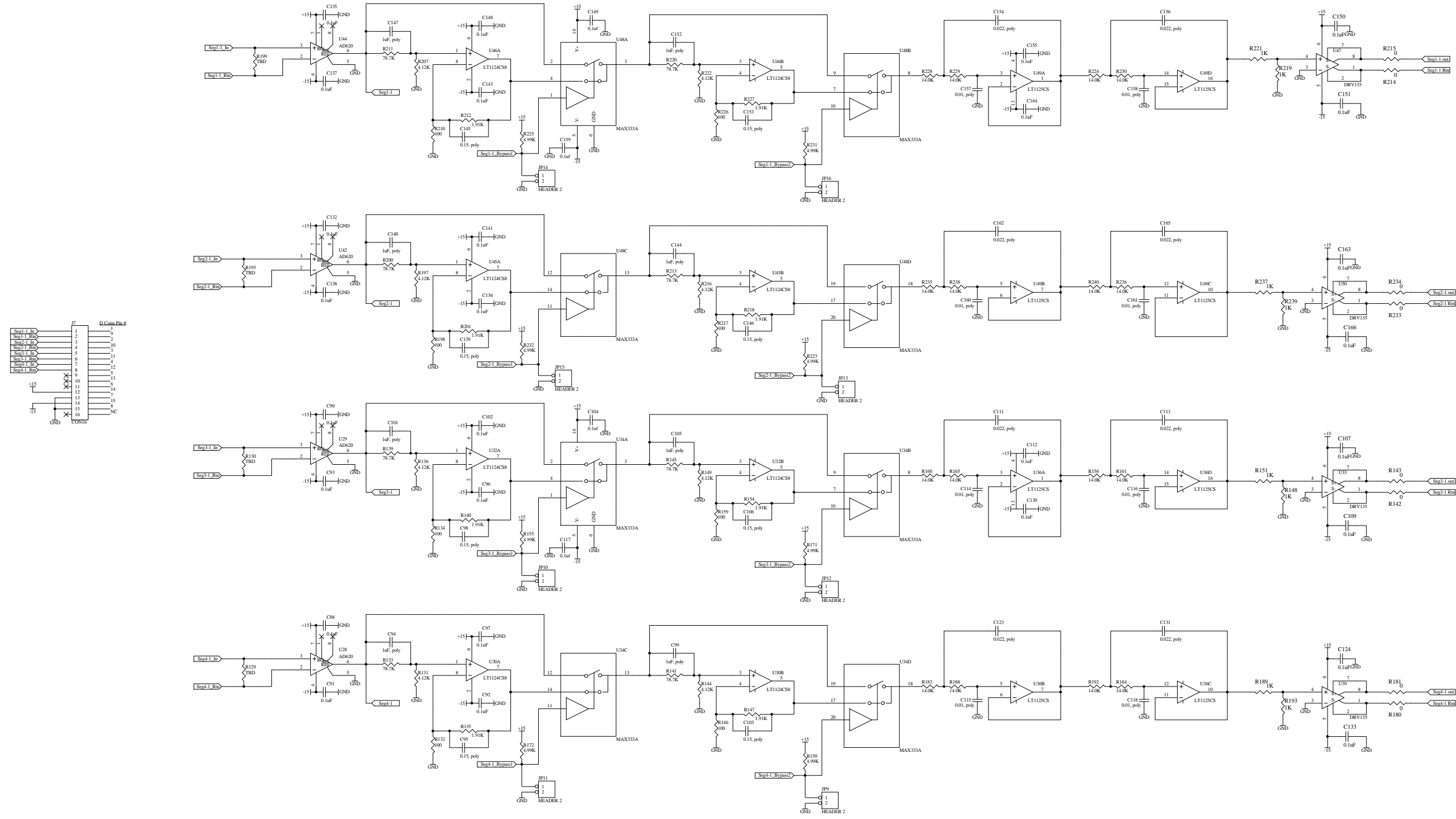


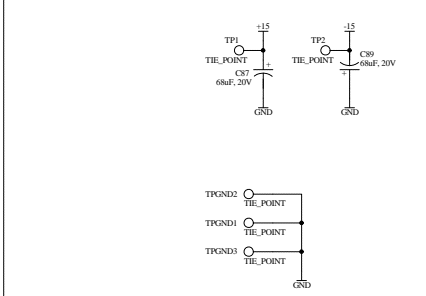
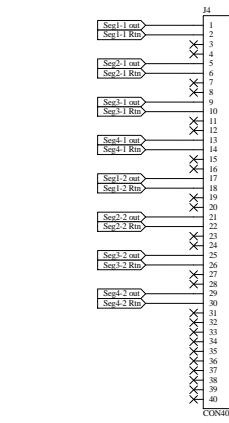
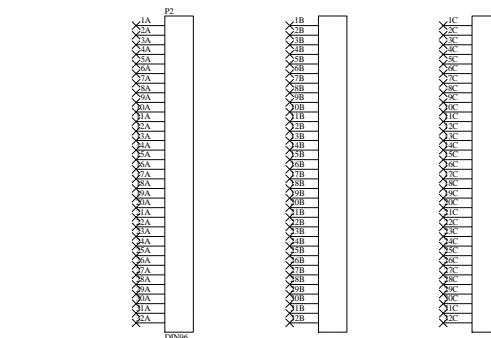
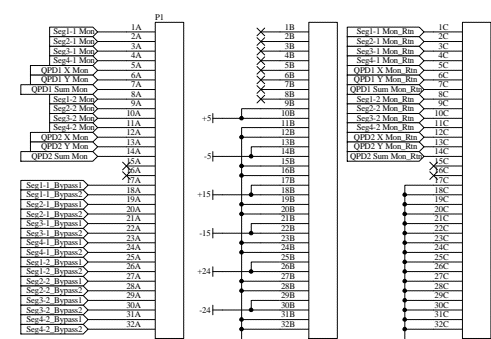
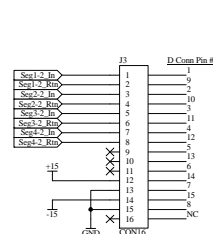
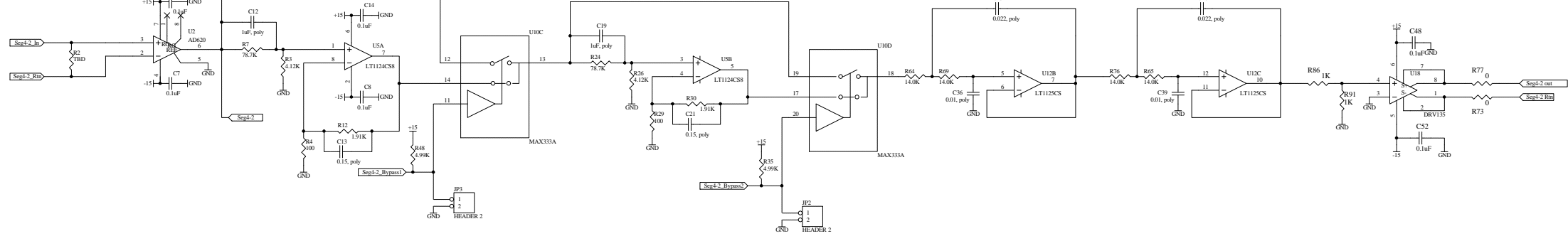
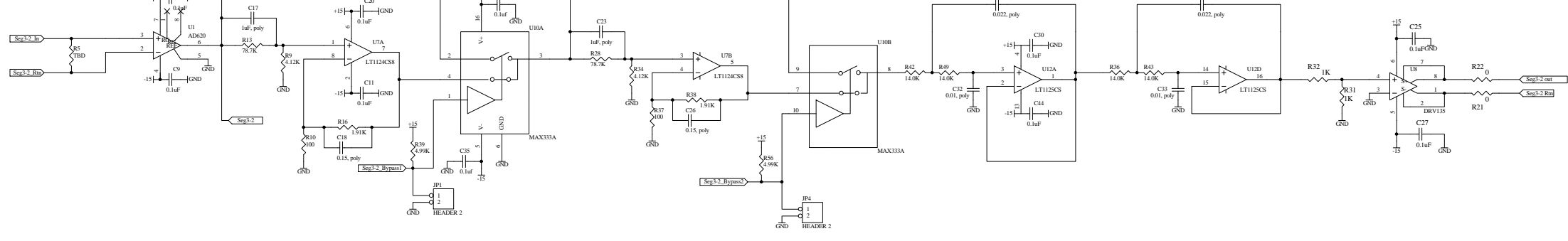
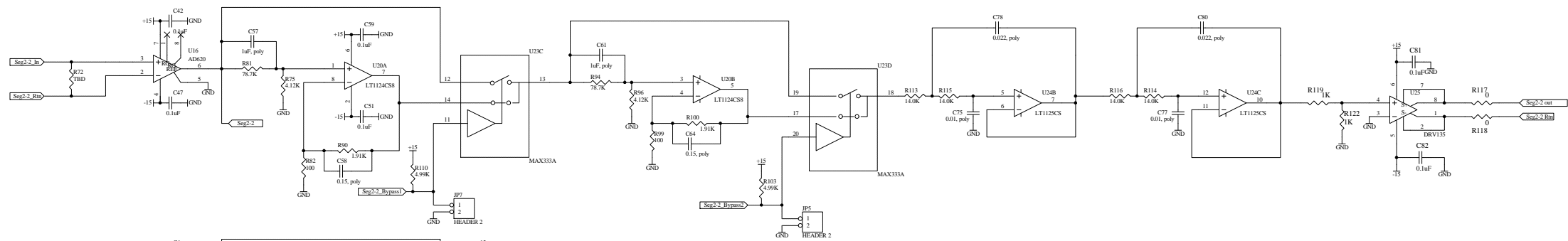
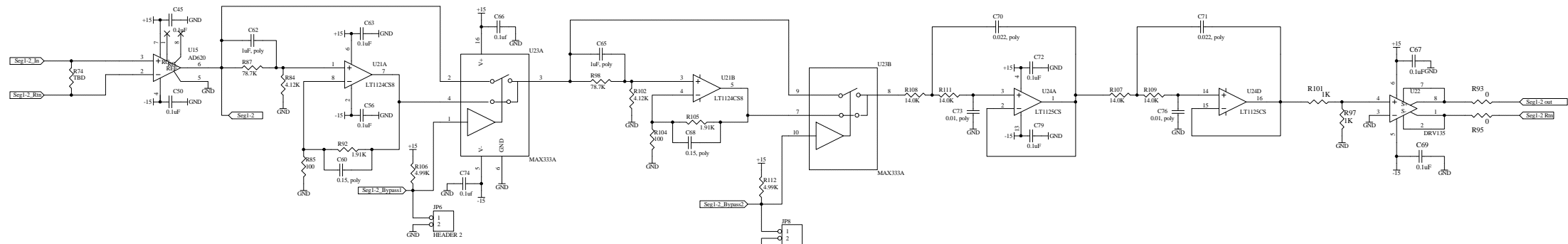
2ea. z=2Hz, 9.5KHz p=40Hz, 500Hz

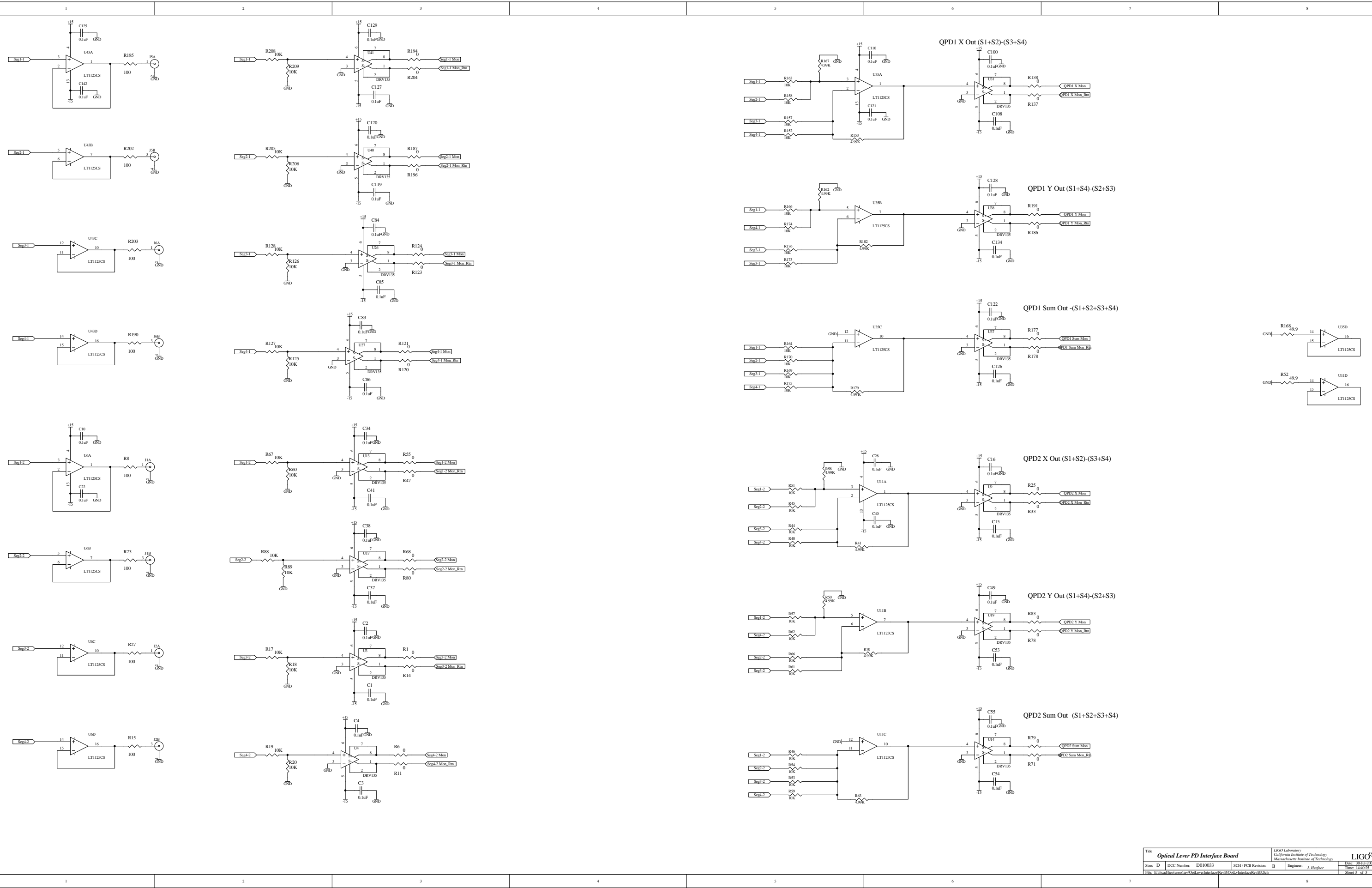
2ea. 800Hz Butterworth LPF



2ea. $\tau=2\text{Hz}$, 9.5KHz $p=40\text{Hz}$, 500Hz

2ea. 800Hz Butterworth LPF





Opt-InterfaceRevB1
Opt-InterfaceRevB1.Sch

| |
|-------------|
| S2-1 |
| S3-1 |
| S3-1 |
| S4-1 |
| S1-2 |
| S2-2 |
| S3-2 |
| S4-2 |
| S1-1 out |
| S2-1 out |
| S3-1 out |
| S4-1 out |
| S4-2 out |
| S2-2 out |
| S3-2 out |
| S1-2 out |
| CHI_Bypass1 |
| CHI_Bypass2 |

Opt-InterfaceRevB2
Opt-InterfaceRevB2.Sch

| |
|--|
| |
|--|

Opt-InterfaceRevB3
Opt-InterfaceRevB3.Sch

| |
|--------------|
| S1-1 |
| S2-1 |
| S3-1 Mon |
| S3-1 |
| S4-1 Mon |
| S4-1 |
| S1-1 Mon |
| S1-1 |
| S2-1 |
| S3-1 |
| S4-1 |
| S1-2 |
| S1-2 Mon |
| S2-2 |
| S2-2 Mon |
| S3-2 |
| S3-2 Mon |
| S4-2 |
| S4-2 Mon |
| S1-2 |
| S2-2 |
| S3-2 |
| S4-2 |
| S1-1 |
| S2-1 |
| S3-1 |
| S4-1 |
| S1-1 |
| S4-1 |
| S2-1 |
| S3-1 |
| QPD1 X Mon |
| QPD1 Y Mon |
| S1-1 |
| S2-1 |
| S3-1 |
| S4-1 |
| QPD1 Sum Mon |
| S1-2 |
| S2-2 |
| S3-2 |
| S4-2 |
| S1-2 |
| S2-2 |
| S3-2 |
| S4-2 |
| QPD2 X Mon |
| QPD2 Y Mon |
| S1-2 |
| S2-2 |
| S3-2 |
| S4-2 |
| S1-2 |
| S2-2 |
| S3-2 |
| S4-2 |
| QPD2 Sum Mon |
| QPD1 X DAQ |
| QPD1 Y DAQ |
| QPD1 Sum DAQ |
| QPD1 X DAQ |
| QPD1 Y DAQ |
| QPD2 X DAQ |
| QPD2 Y DAQ |
| QPD2 Sum DAQ |
| S1-1 Mon |
| S2-1 Mon |
| S3-1 Mon |
| S4-1 Mon |
| S1-2 Mon |
| S2-2 Mon |
| S3-2 Mon |
| S4-2 Mon |
| QPD1 X Mon |
| QPD1 Y Mon |
| QPD1 Sum Mon |
| QPD2 X Mon |
| QPD2 Y Mon |
| QPD2 Sum Mon |
| S1-1 buf |
| S2-1 buf |
| S3-1 buf |
| S4-1 buf |
| QPD1 X DAQ |
| QPD1 Y DAQ |
| QPD1 Sum DAQ |
| S1-2 buf |
| S2-2 buf |
| S3-2 buf |
| S4-2 buf |
| QPD2 X DAQ |
| QPD2 Y DAQ |
| QPD2 Sum DAQ |
| S1-2 |
| S2-2 |
| S3-2 |
| S4-2 |
| S1-1 |
| S2-1 |
| S3-1 |
| S4-1 |
| S1-1 buf |
| S2-1 buf |
| S3-1 buf |
| S4-1 buf |
| S1-2 buf |
| S2-2 buf |
| S3-2 buf |
| S4-2 buf |