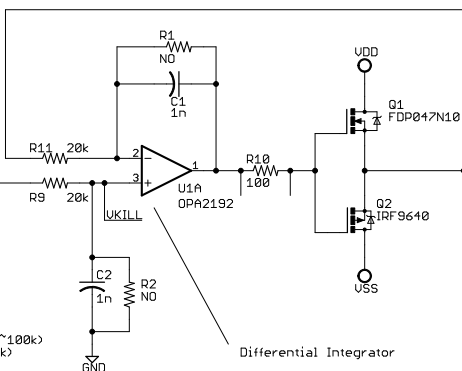
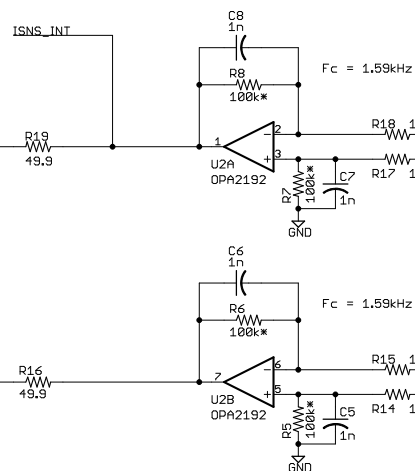
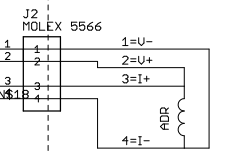
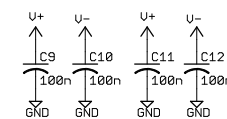
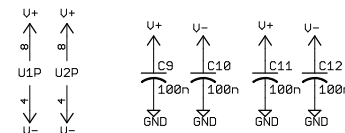


NOTE*
Resistor values R3, R4, R12, R13
Choose higher values for higher input impedance (~100k)
Choose lower values to reduce Johnson noise (~10k)
49.9k gives minimal extra noise vs OPA549
and results in 100k input impedance



Differential Integrator

$$V_o = 1/(RC) \int (V_+ - V_-) dt$$


ADR Specs

Shin

R = 0.15 Ohms

L = 13 Henries

CRAAC

R =

L = 35 Henries

Locate near power input
to prevent gradient across ground plane

LNL 20101101

PIPER High Current Boost v3.0

TITLE: hc_boost3

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REV:

Date: not saved!

Sheet: 1/2