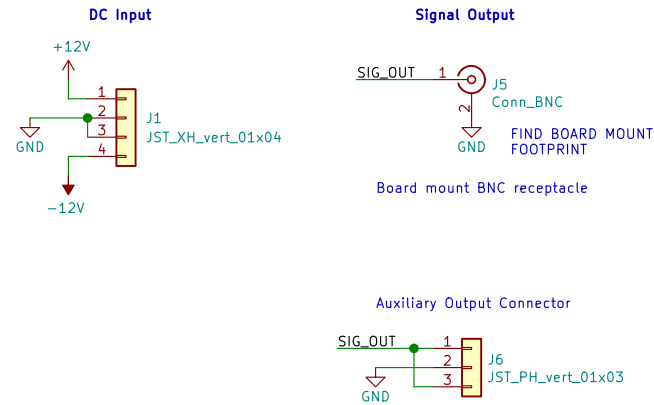
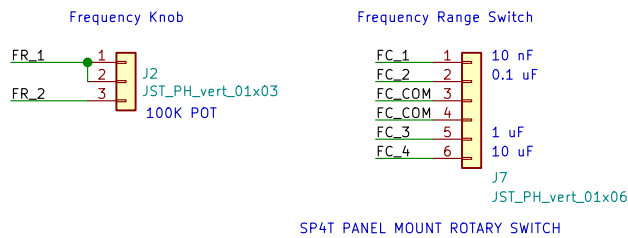


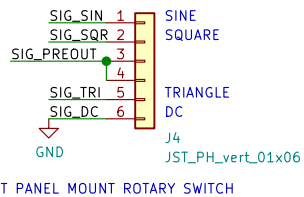
CONNECTORS



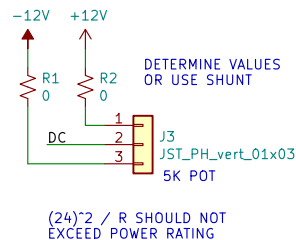
Frequency Dials



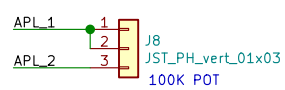
Output Select Dial



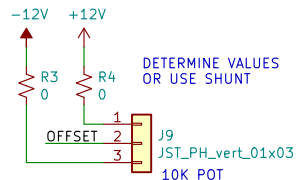
Duty Cycle Dial



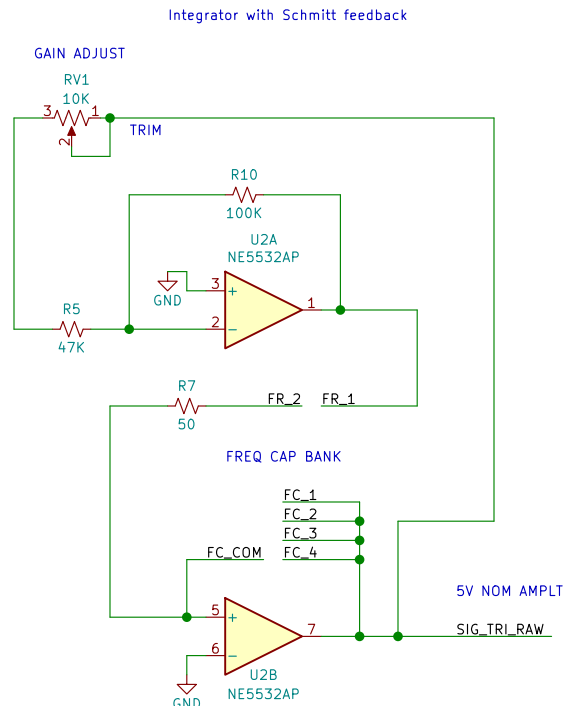
Amplitude Dial



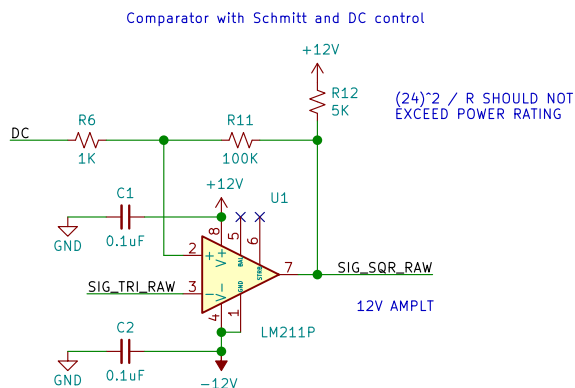
DC Offset Dial



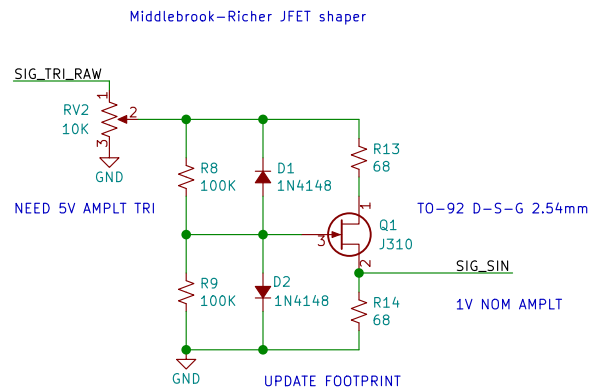
SQUARE-TRIANGLE GENERATOR



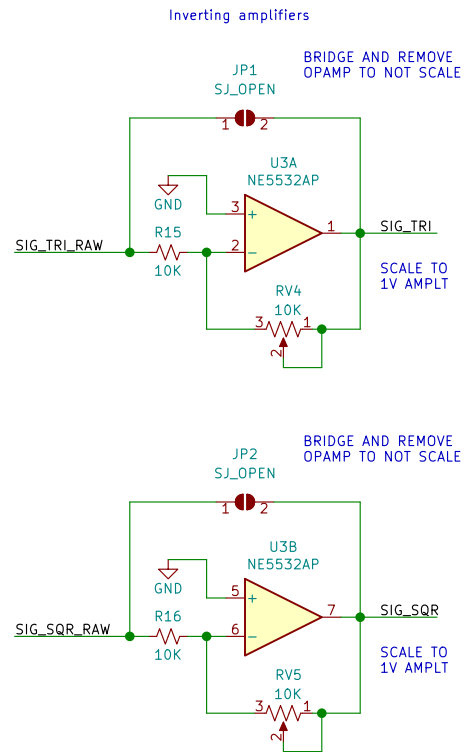
SQUARE GENERATOR



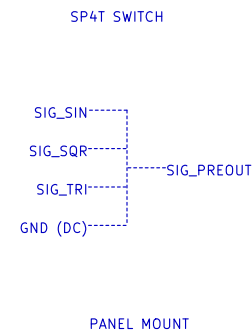
TRIANGLE – SINE SHAPER



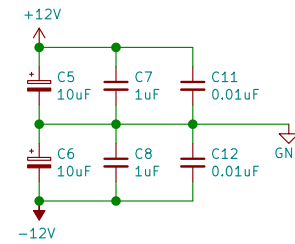
OUTPUT PRESCALE



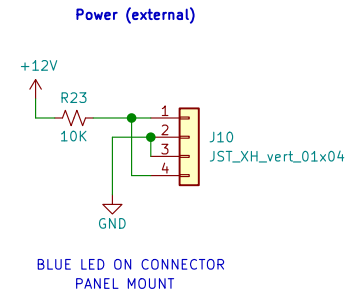
OUTPUT SELECT



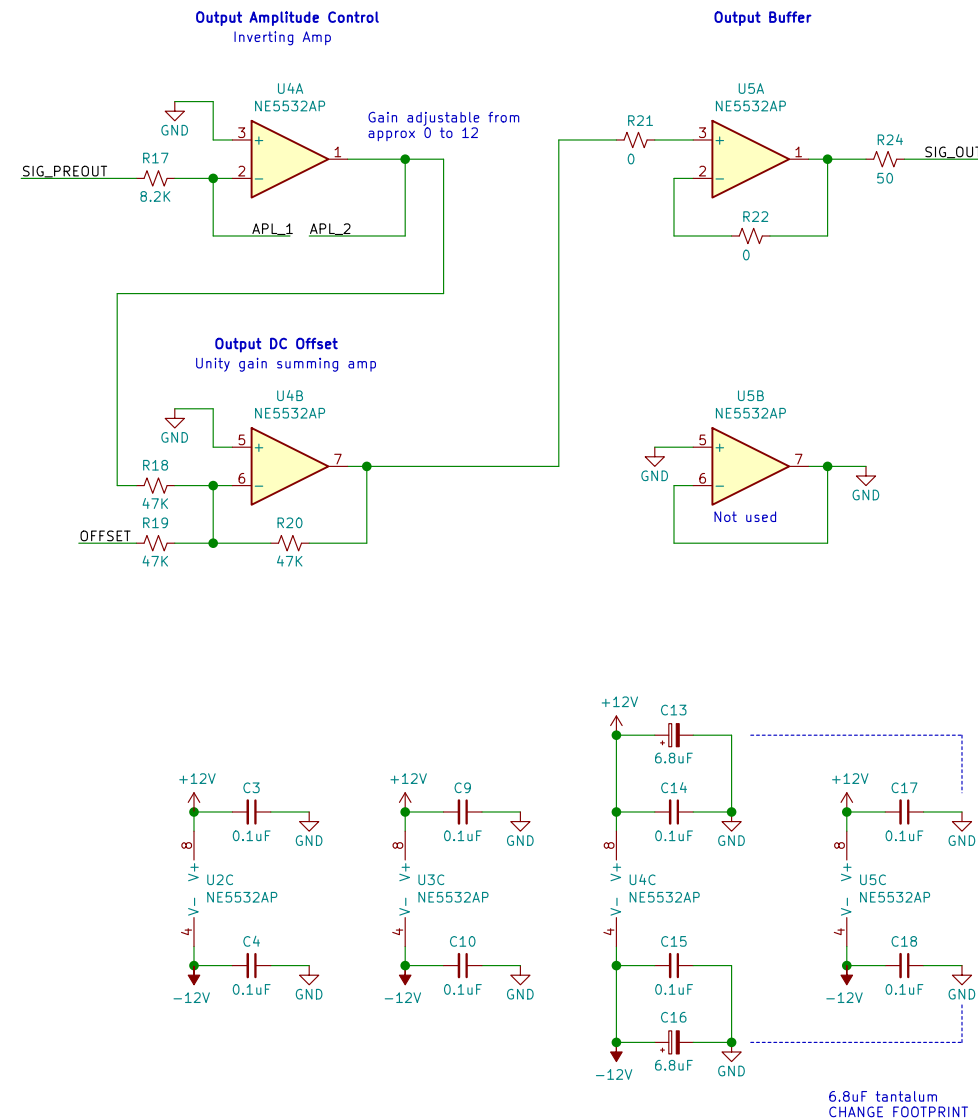
POWER



INDICATORS



OUTPUT AMPLITUDE / OFFSET



FOOTPRINTS

ALL SMD PASSIVES
ALL OPAMPS
LM211

NOTES

NE5532P PRELIMINARY
REPLACE WITH AD826

0805
DIP8 Socket
SOIC-8

Ray Sun
EE 90
Analog Electronics Project Laboratory
California Institute of Technology
Sheet: /
File: triumph_main.sch



Caltech EE

TRIUMPH

Title: Triumph Analog Function Generator – Main Board

Size: B Date: 2019-05-11

Rev: A

KiCad E.D.A. kicad (5.1.2)-1

Id: 1/1

ALL POT CONN JST PH 3P
1 END
2 WIPER
3 END