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Drafted: Matthew Guo

Paisley Microsystems
Sheet: /ESP/
File: ESP.kicad_sch

Title: ESP MCU & Interface

Size: A4 Date: 2024-08-18

KiCad E.D.A. 8.0.2

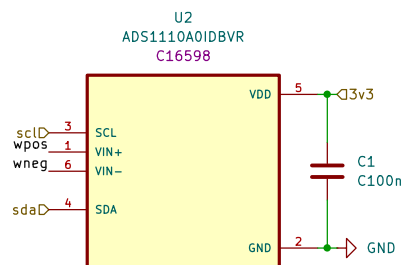
Rev: 0
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Diff. amplifier

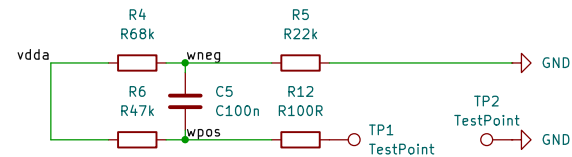
FSD = 2.048 @ PGA = 1

FSR = 2.048V, $-0.2V < V_{CM} < 3.5V$

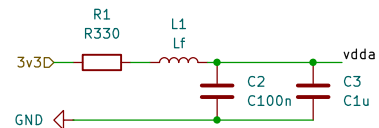
CMV = $-0.2 \text{ --- } 3.5V$



RP1P2 = 0 \rightarrow VDIFF = $-1.334V$
RP1P2 = $\infty \rightarrow$ VDIFF = $1.951V$



VDDA Filter



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