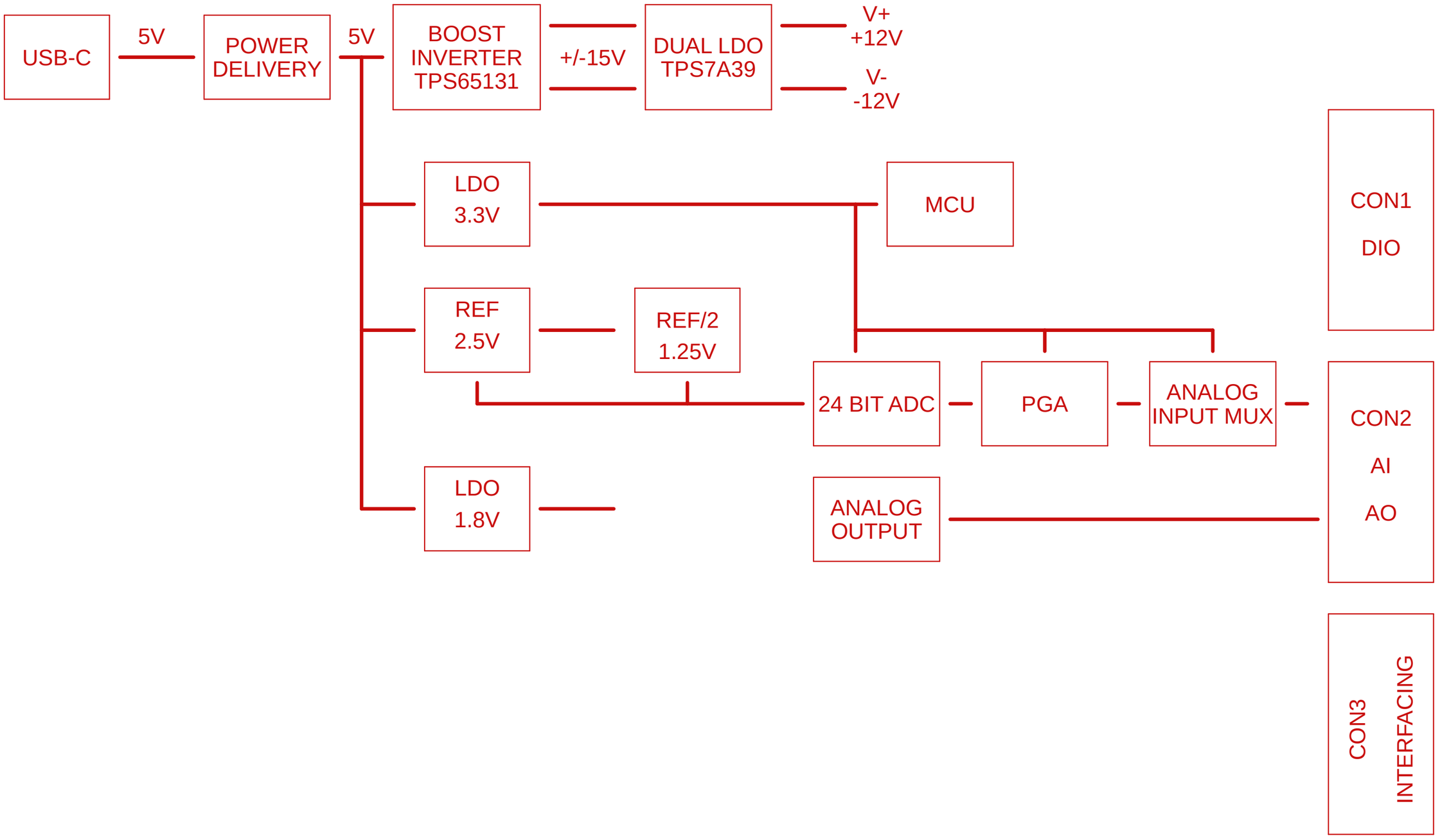

BLOCK DIAGRAM

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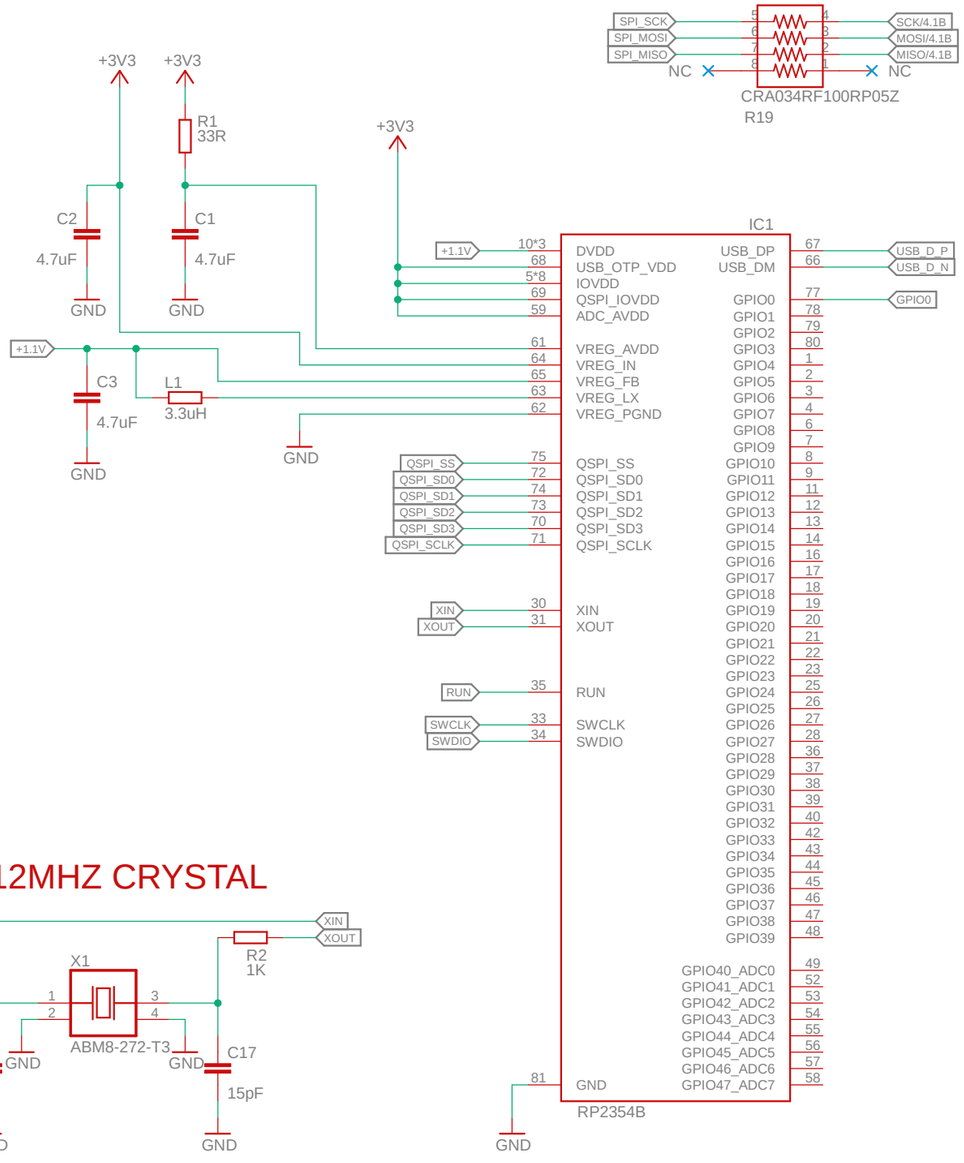
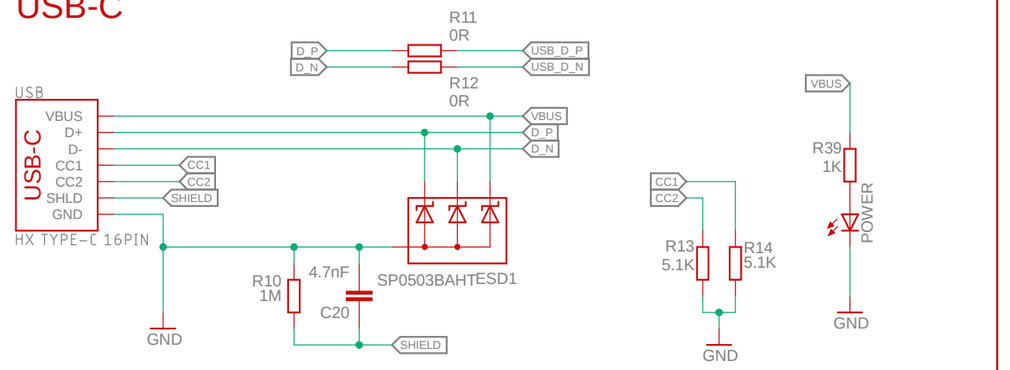
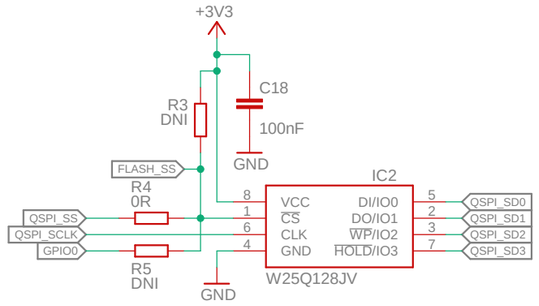
RP2354 MCU



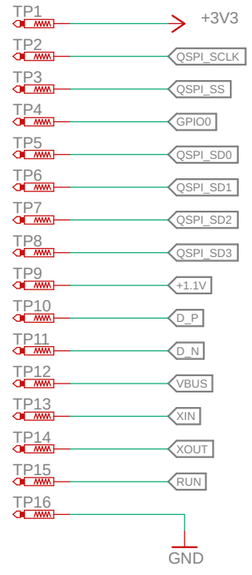
USB-C



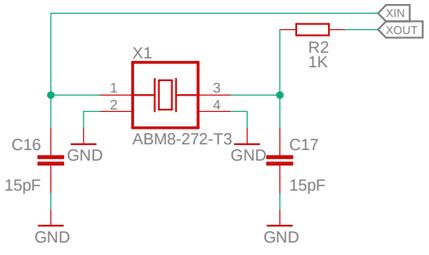
PRIMARY FLASH



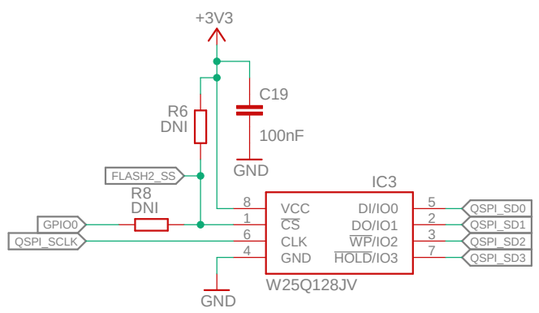
TESTPOINS MCU



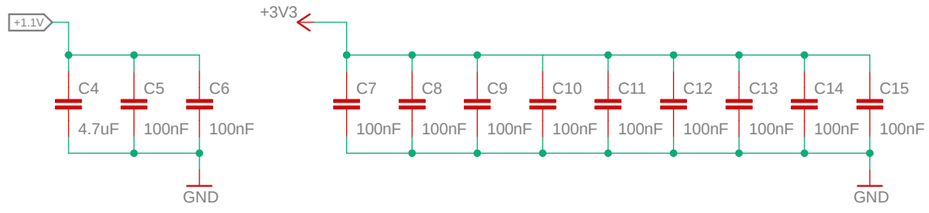
12MHZ CRYSTAL



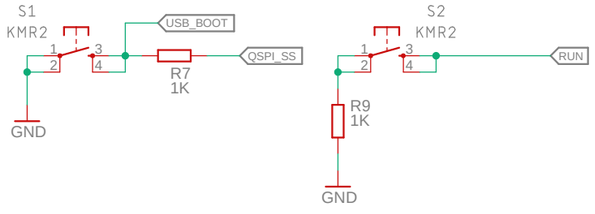
SECONDARY FLASH



DECOUPLING



BOOT MODES



RP2354 MCU	
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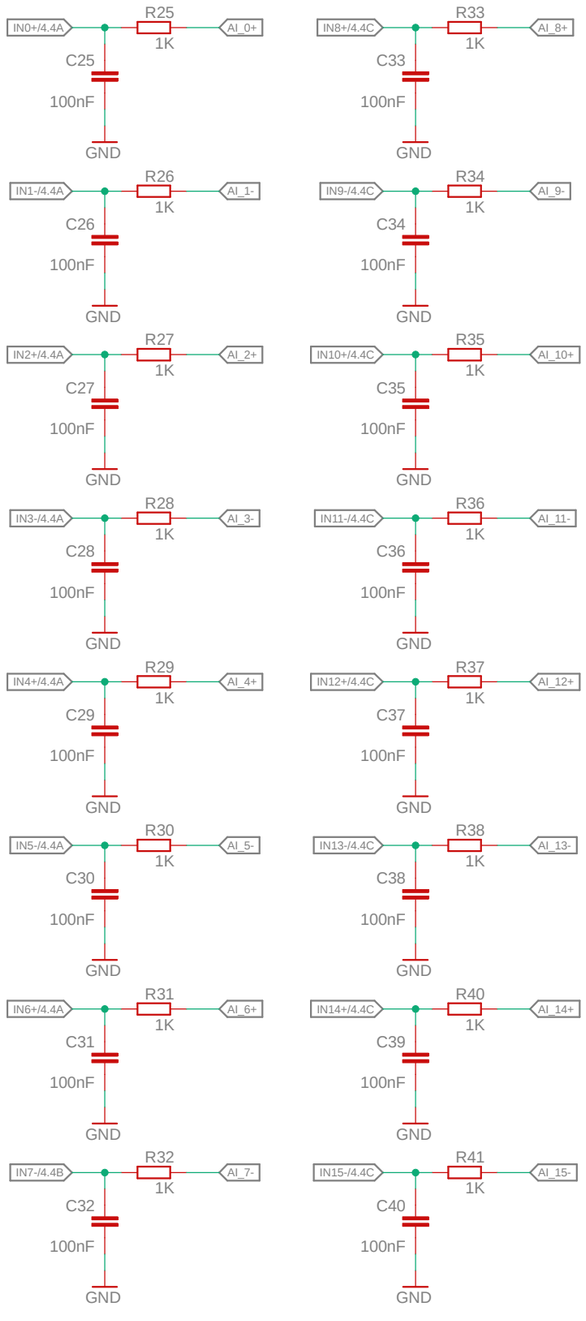
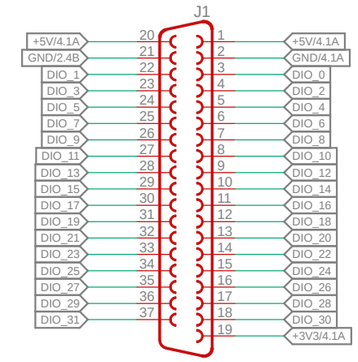
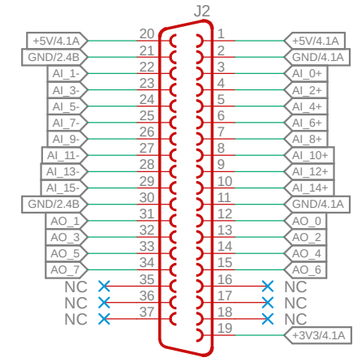
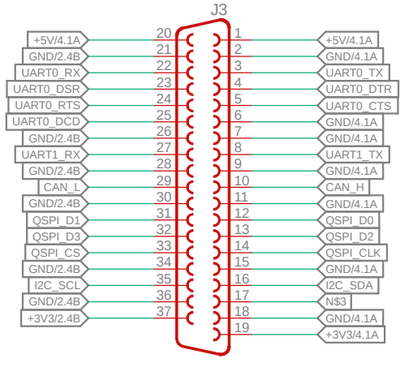
ADC INPUTS









CONNECTORS

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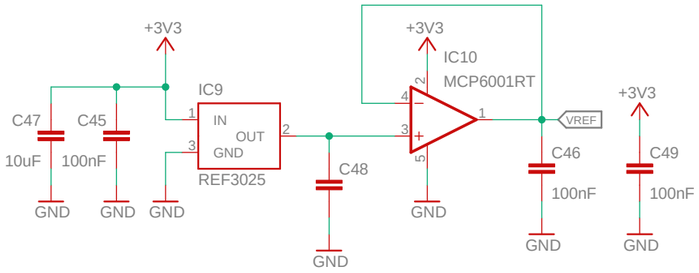
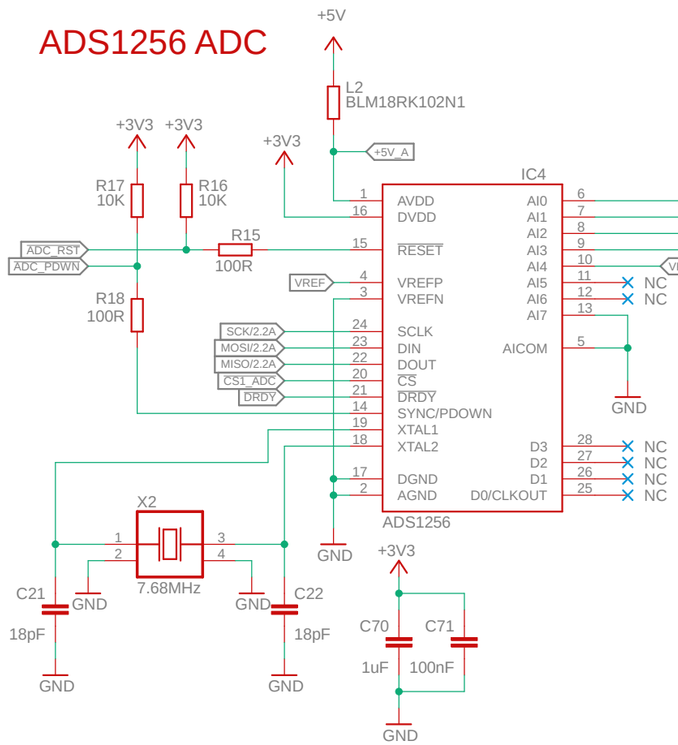
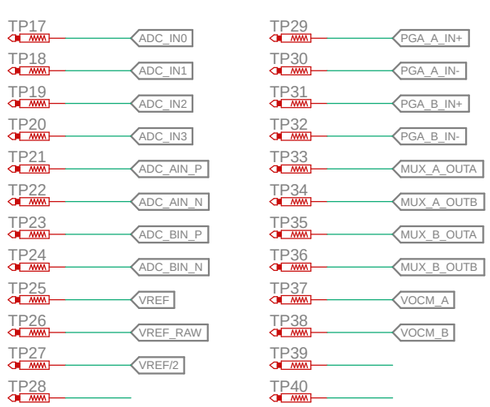
VOLTAGE REFERENCE



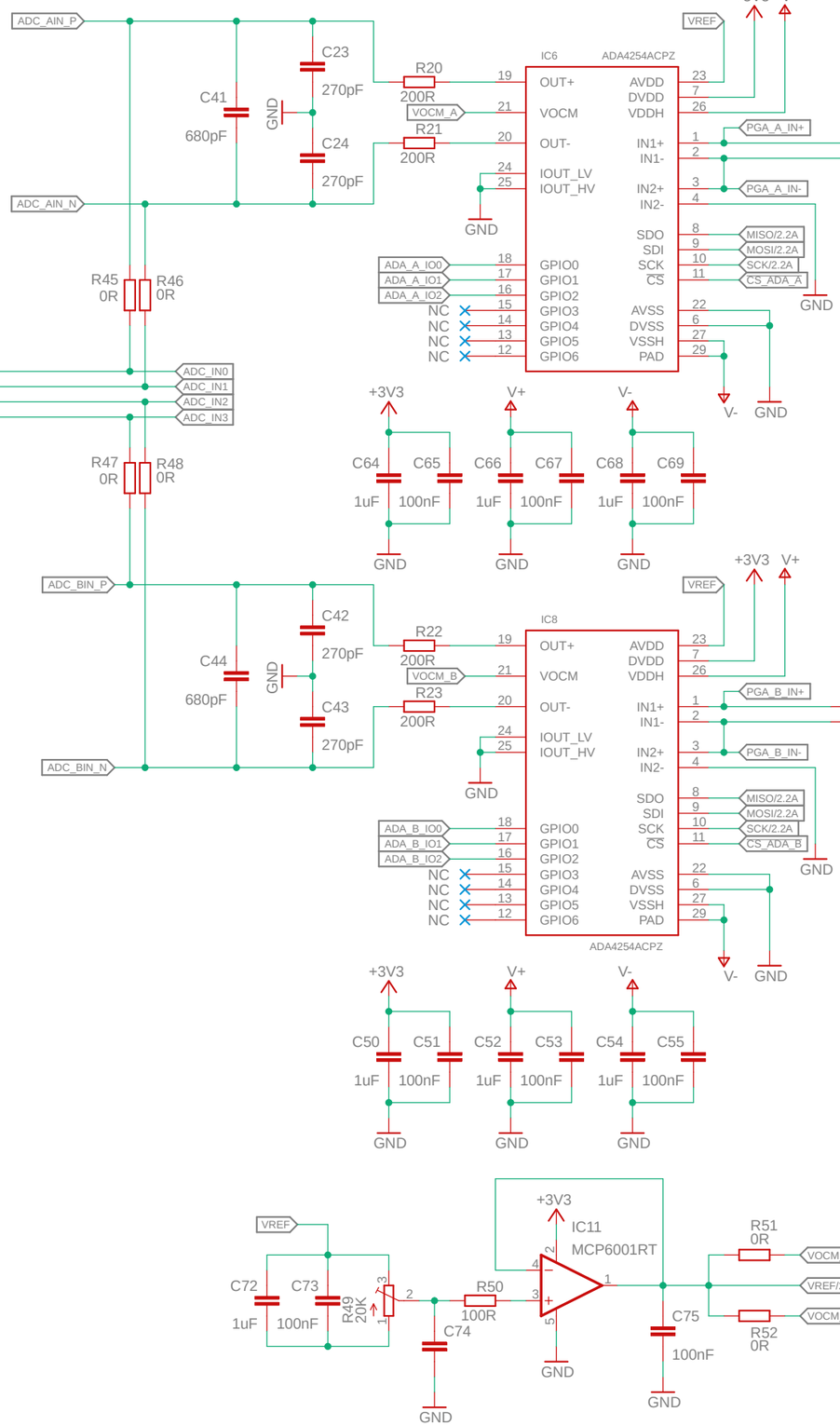
ADS1256 ADC



ANALOG-IN TESTPOINTS

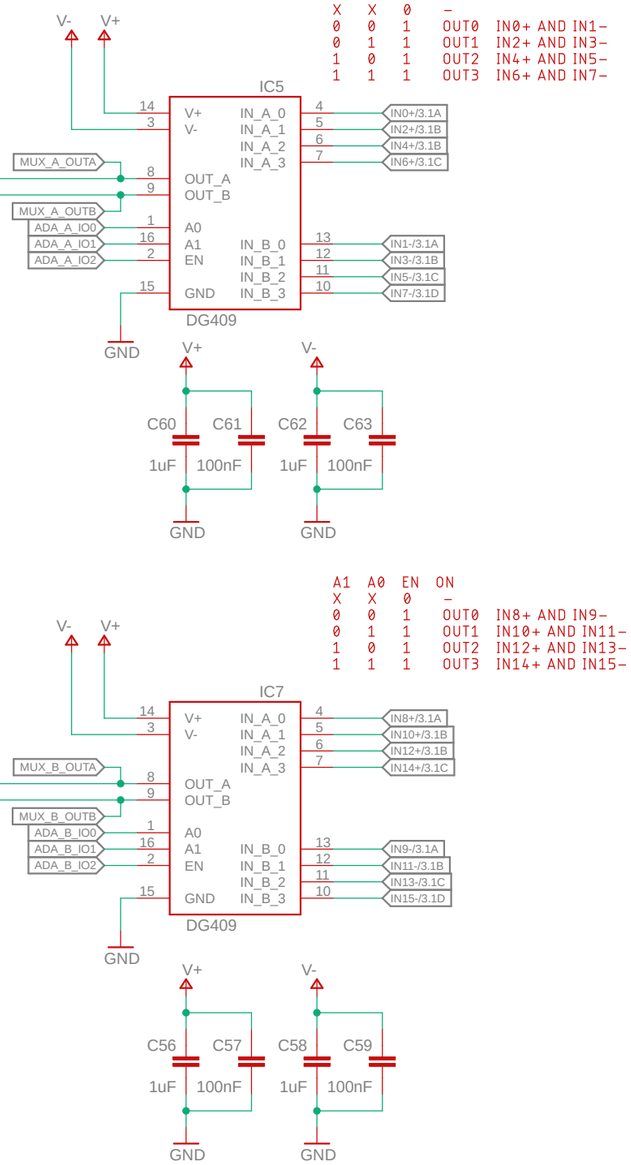


PGA

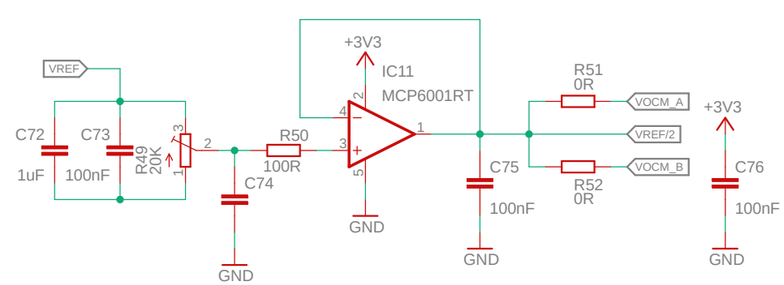


INPUT MULTIPLEXER

A1	A0	EN	ON
X	X	0	–
0	0	1	OUT0 IN0+ AND IN1–
0	1	1	OUT1 IN2+ AND IN3–
1	0	1	OUT2 IN4+ AND IN5–
1	1	1	OUT3 IN6+ AND IN7–



A1	A0	EN	ON
X	X	0	–
0	0	1	OUT0 IN8+ AND IN9–
0	1	1	OUT1 IN10+ AND IN11–
1	0	1	OUT2 IN12+ AND IN13–
1	1	1	OUT3 IN14+ AND IN15–



ANALOG IN

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