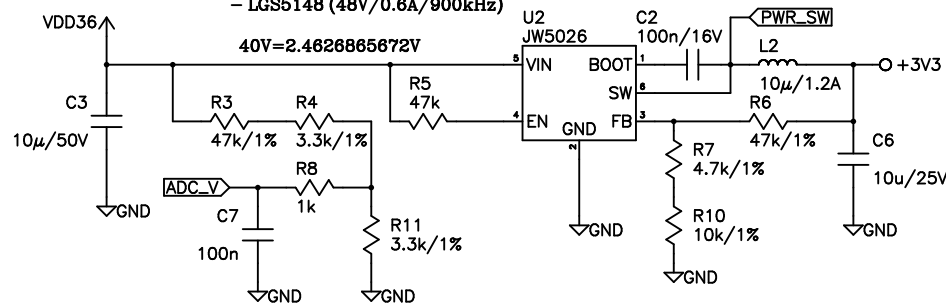


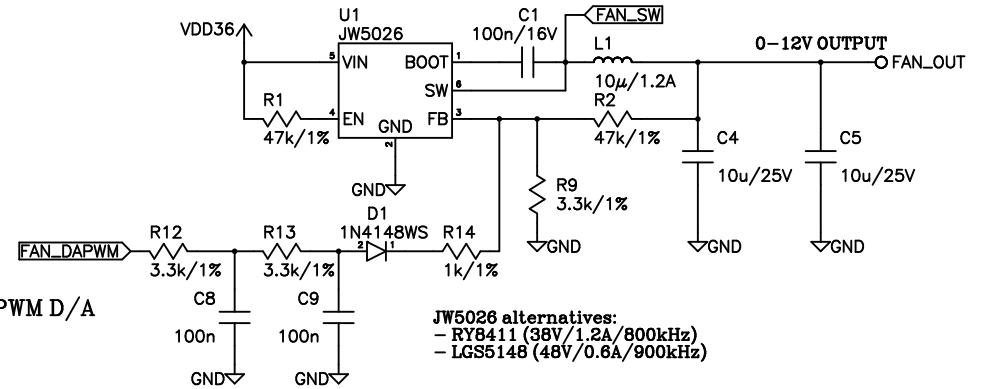
Power Supply

JW5026 alternatives:
- RY8411 (38V/1.2A/800kHz)
- LGS5148 (48V/0.6A/900kHz)



Fan Driver

Fan PWM D/A

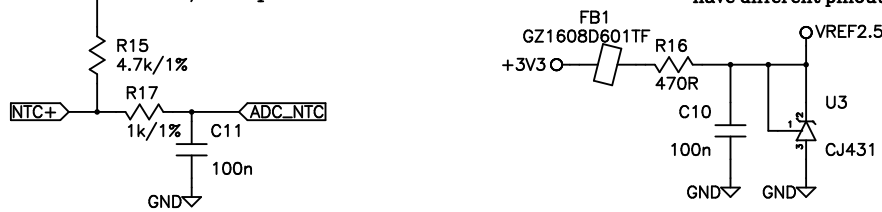


JW5026 alternatives:
- RY8411 (38V/1.2A/800kHz)
- LGS5148 (48V/0.6A/900kHz)

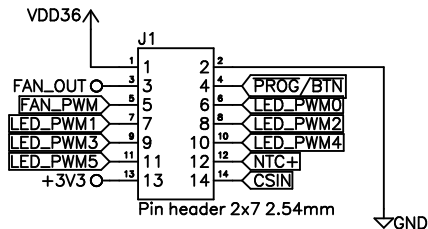
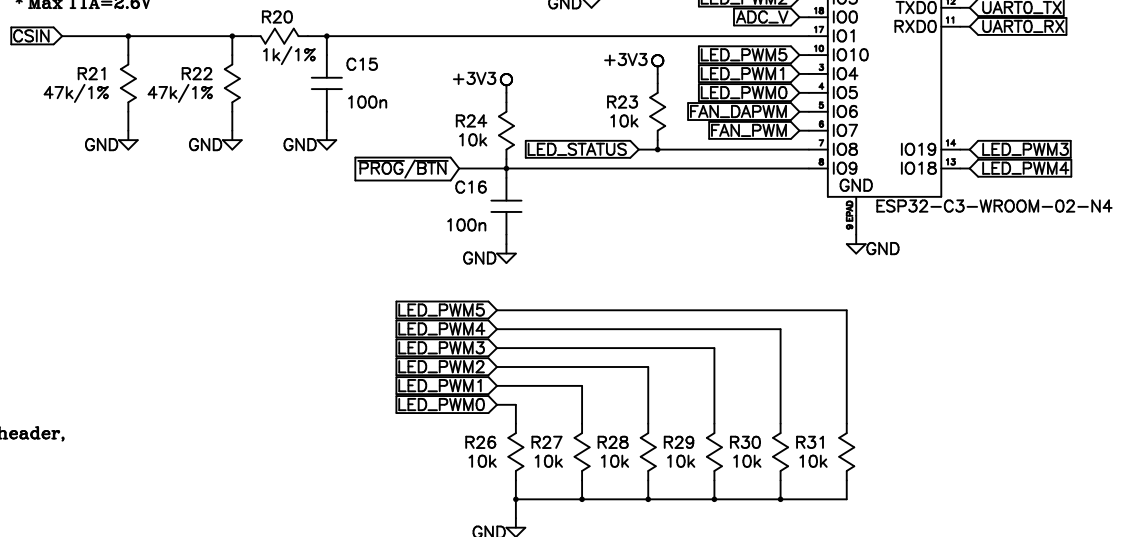
NTC/Temperature Sensor

2.5V Reference

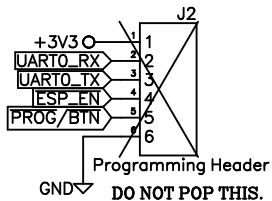
The TL431 and CJ431 have different pinout!



Notes for INA139:
* $R_{sense}=10m\Omega$
* $Gain=23.5$
* $Max\ 11A=2.6V$



This pin header can use a vertical XH standard pin header, or a 90-degree horizontal one to reduce height. For the SMD horizontal female header, consider: * SMH-107-02-G-D



CAUTION:

1. 'GPIO8' should not be pulled low during power-on, otherwise the program cannot be flashed.
2. 'GPIO9' should not be pulled low during power-on too.

Sheet /	Number 1/1
Project BLC06-MK1	Revision 4
Drawn by Li Wei	
License CERN-OHL-S-2.0	
Date 2025-2-4	

