

6S LiPo voltage measurement with ADS1115
Resistor divider network:

TAP	TOP resistor	BOTTOM resistor	ADC voltage (4.2V)	ADC voltage (3.8V)
Tap 1	Direct	–	4.2	3.8
Tap 2	15k	10k	3.36	3.04
Tap 3	30k	10k	3.15	2.85
Tap 4	30k+10k	10k	3.36	3.04
Tap 5	47k+12k	10k	3.04	2.75
Tap 6	47k+22k	10k	3.19	2.89

MHB Electronics

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Project:

Created: 1.1. 2026

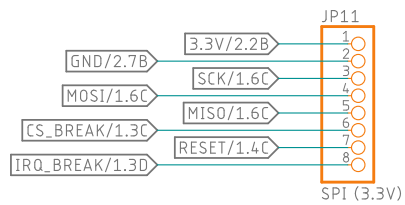
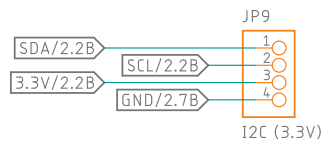
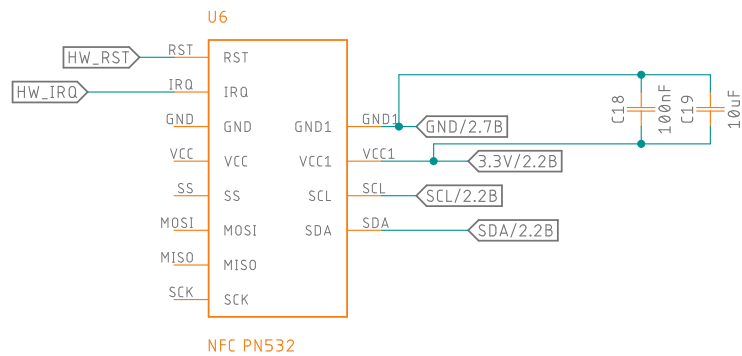
RC TOOLBOX

Modified: 16.01.26 18:31

ESP32–S3 DEVKITC 1, 2.4" TFT 320x240

Version: 1.0

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