



Notes:

- Connect divider ground to OUT- (same as ESP32 GND).
- Do NOT connect battery B+ to ESP32 3V3.
- ESP32 reads VMEAS; in code multiply by 2 to recover Vbat.
- R1=R2=100k Ω keeps battery drain $\sim 21\mu$ A.
- You may plug both TP4056 USB-C and ESP32 USB for programming.