

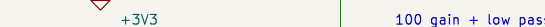
Bat + BMS + PowerPath



ESP32 WIFI MCU



SENSORS



On the daughterboard

Color Sensor (over I2C)

pin to break out

VBUS (1.8A max)

5V (1A max)

WS2812 IO / analog in

SCC
CDA

CHECK REGULATOR

CURRENT LIMIT NOTE

AUDIO SPEAKER



On the daughterboard

Motors / H-bridge / servo / more LED

use

SX1509

PC A9685

they work over I2C

and can be paired

to an H bridge