## Adafruit Feather ESP32-S2 Power GND https://www.adafruit.com/product/5000 Control CircuitPvthon Name https://www.adafruit.com/product/5303 GPIO Power Domain ADC HS/OSPI RESET Touch 3.3V GND Debug 3.3V VBAT Other GND DAC 2 AΩ VBAT EN XTAL 32K N-U0CTS ADC2 CH5 A2 GPTO16 VBUS XTAL 32K P-UORTS ADC2 CH4 **A3** D13 FSPIO -T13 T14 - FSPIWP ADC2 CH3 GPTO14 A4 D12 FSPICLK-T12 A5 GPTO8 D11 FSPID -T11 **ESPICIK** T/CPU-GPT036 SCK D10 FSPICSO-T10 FSPID SPT/CPII-GPT035 MOST GPT09 FSPIHD -**FSPTO** MISO GPT06 Т6 D6 FSPIWP -GPIO38 RX D5 GPT05 T5 GPI039 MTCK тx SCT. GPTO4 T4 DEBUG TX SDA GPT03 Т3 GND NEOPIXEL POWER GPT021 т7 VSENSOR **D7** NEOPIXEL GPI033 SPI/CPU-FSPIHD Т3



VSEMSOR is off by default. To enable/turn it on, set pin 7 to output. If you have a rev B board, set the output LOW to enable. If you have a rev C board, set the output HIGH to enable.