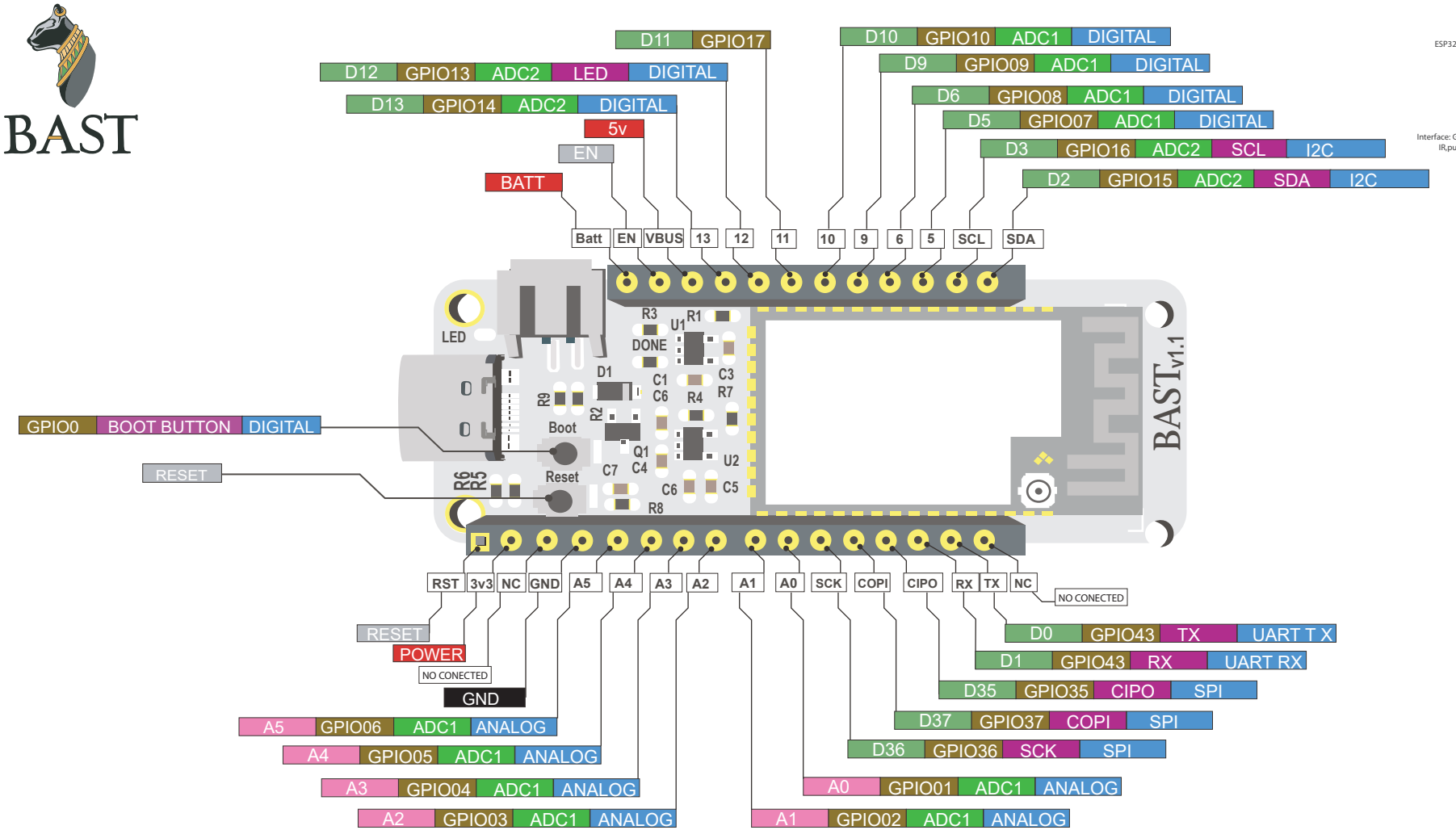
BAST



Alimentation
Vin: 3.3V-6V
VCC: 800mA @3.3V
JST: Battery LiPo
USB battery charger

ESP32-S2
ESP32-S2 embedded, Xtensa® single-core 32-bit LX7 microprocessor, up to 240 MHz
1
28 KB ROM
320 KB SRAM
16 KB SRAM in RTC
VCC: 3.0 ~ 3.6 V
4 MB SPI flash

Interface: GPIO, SPI, LCD, UART, I2C, I2S, Camera interface, IR,pulse counter, LED PWM, USB OTG 1.1, ADC, DAC, touch sensor, temperature sensor.

40 MHz crystal oscillator

- POWER
- GND
- PORT PIN
- ANALOG PIN
- CONTROL
- PIN FUNCTION

- DIGITAL PIN IDE
- ANALOG PIN IDE

Programming Header - SWD
1. SWEDIO/TMS
2. SWDCLK/TCK
3. VCC 3.3V
4. GND

▲ 3.3v regulator output voltage, maximum current 800mA.

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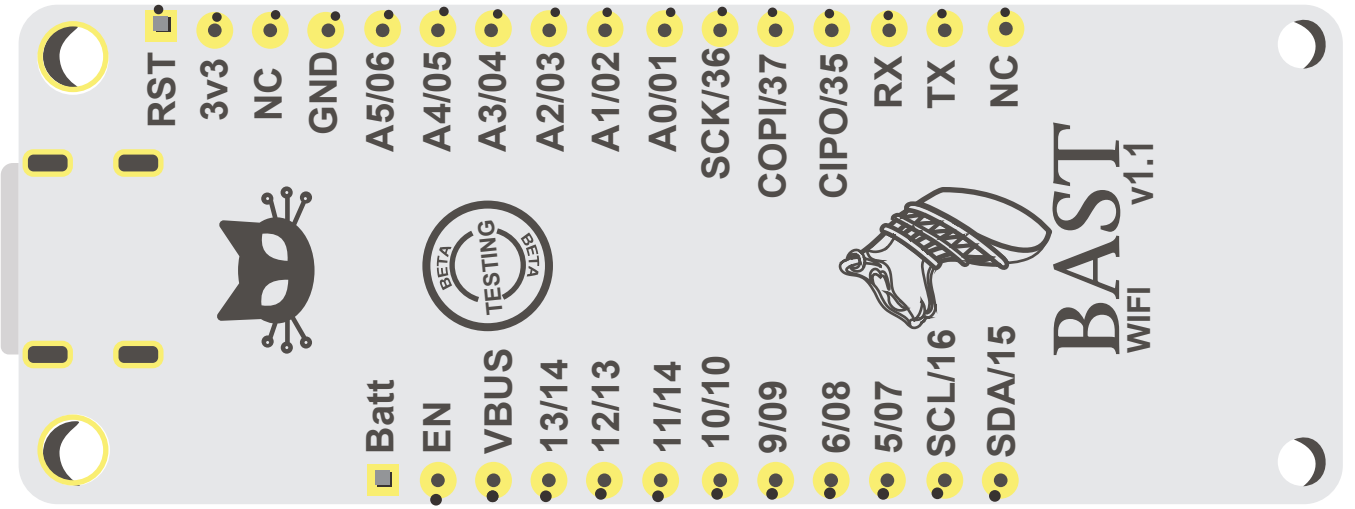

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