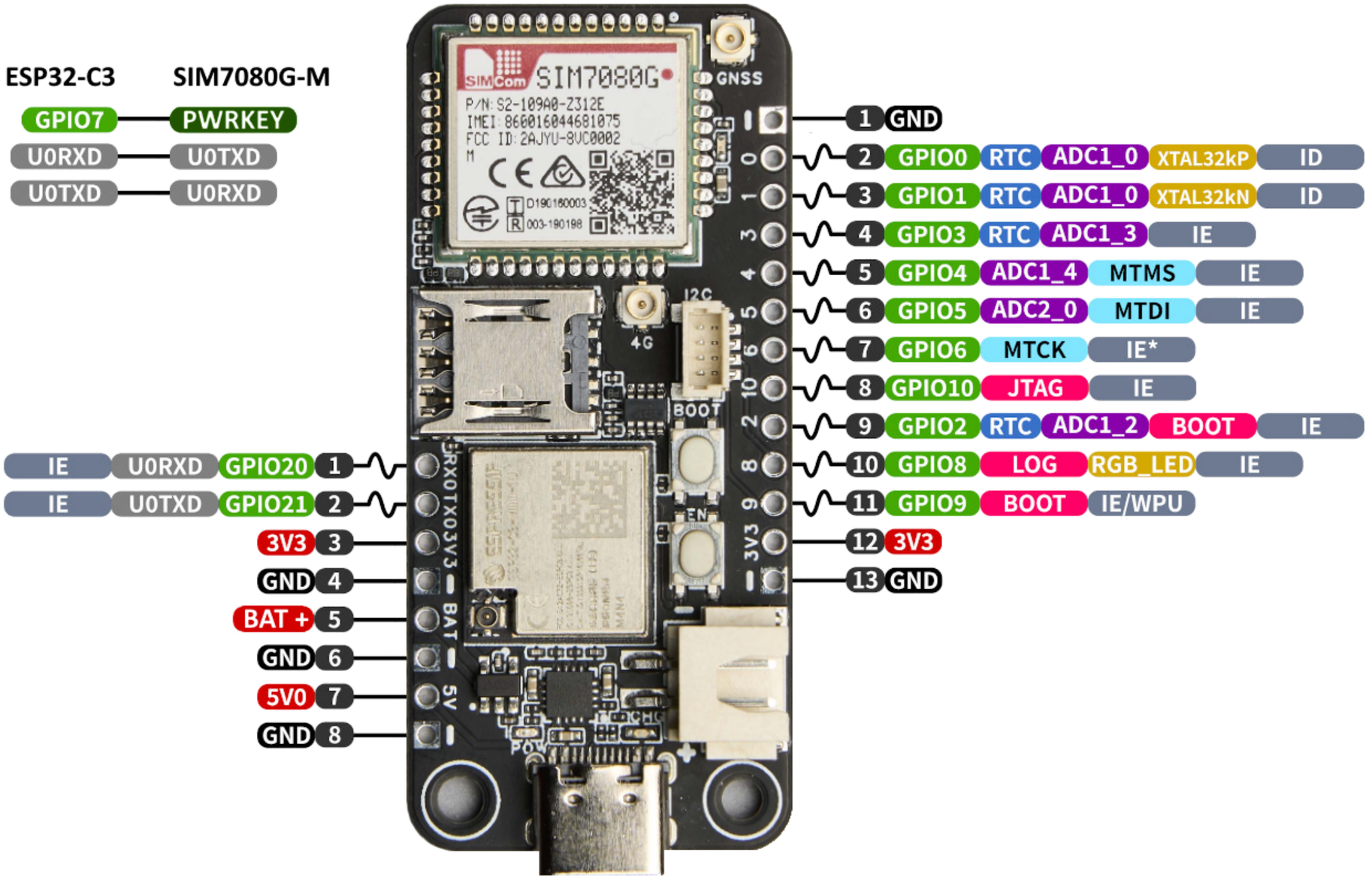
ARGALI SIM C3

ARGALI INDUSTRIES

V1.0



ESP32-C3 Specs

32-bit RISC-V single-core @160MHz
Wi-Fi IEEE 802.11 b/g/n 2.4GHz
BLuetooth LE 5
400 KB SRAM (16 KB for cache)
384 KB ROM
22 GPIOs, 3x SPI, 2x UART, I2C,
I2S, RMT, LED PWM, USB Serial/JTAG,
GDMA, TWAI®, 12-bit ADC

- PWM Capable Pin
- GPIOX — GPIO Input Only
- GPIOX — GPIO Input and Output
- DAC_X — Digital-to-Analog Converter
- JTAG/USB — JTAG for Debugging and USB
- FLASH — External Flash Memory (SPI)
- ADCX_CH — Analog-to-Digital Converter
- TOUCHX — Touch Sensor Input Channel
- OTHER — Other Related Functions
- SERIAL — Serial for Debug/Programming
- ARDUINO — Arduino Related Functions
- STRAP — Strapping Pin Functions

- RTC — RTC Power Domain (VDD3P3_RTC)
- GND — Ground
- PWD — Power Rails (3V3 and 5V)

GPIO STATE

UPU: *USB Weak Pull-up*
WPU: *Weak Pull-up (Internal)*
WPD: *Weak Pull-down (Internal)*
PU: *Pull-up (External)*
IE: *Input Enable (After Reset)*
IE*: *Input Enable (Depends of FUSE_DIS_PAD_JTAG)*
ID: *Input Disabled (After Reset)*
OE: *Output Enable (After Reset)*
OD: *Output Disabled (After Reset)*