LoRaM3-D Pinout Diagram

LoRaM3-D

GND   GND

PA10
PA9
PA8
PB15
PB14
PB13
PB12
PB11
PB10
PB1
PB0

RADIO MOSI — PA7
RADIO MISO — PA6
RADIO SCK — PA5
RADIO NSS — PA4
RADIO DIO0 — PA3
RADIO RST — PA2

5V   BAT

RESET   RUN / ISP

FAST CHARGE

CHARGE LED   PC13 LED

30

3V3
GND
3V3
RST

PA13 — SW DIO
PA14 — SW CLK
PA15 — TDI
PA13 — TDO
PB4 — TRST
PB5 — OLED RST
PB6 — OLED SCL
PB7 — OLED SDA
PB8
PB9
PC13 — LED
PA0
PA1 — BAT MON

RUN/ISP is the BOOT0 control, set to ON for normal operation, set to OFF for internal UART bootloader.

Fast charge : allow higher charging current, ON : ±600mA max OFF : 100mA max

LiPo battery voltage
PA1

Reserved for USB
PA11 - PA12

OLED
SCL - PB6
SDA - PB7
RS - PB5

LoRa Radio

RST - PA2
NSS - PA4
MOSI - PA7
MISO - PA6
SCK - PA5
DIO0 - PA3
DIO1 - IO1
DIO2 - IO2
DIO3 - IO3
DIO4 - IO4
DIO5 - IO5

RTC+ pad (bottom)
pad for separate RTC backup battery, remove resistor below if in use