

NRF52832

CORTEX-M4F 64MHz 256 Kbytes Flash 32 Kbytes RAM

LEDR (06) KEY (11) LEDG (07) RX (12) LEDB (08) TX (13)

GND ICM20948

GND

SWC

SWD

3V3

3V3

09N

21G I2C: 0xD0 / 0x18

Output• Gyroscope
±250/500/1000/2000 dps

19G • Accelerometer 10N ±2/4/8/16 g

• Magnetometer ±4800 uT (AK09916)

05A LPS22HB

04A I2C: 0xB8

• Barometer 260 ~ 1260 hPa

STM32F411CE

CORTEX-M4F 100MHz 512 Kbytes Flash 128 Kbytes SRAM

LEDR (C13) KEY (A8) LEDG (C14) RX (B7) LEDB (C15) TX (B6) 3V3

IST8308 I2C: 0x1C

• Magnetometer A10

CSM (A4/26) SCK (A5/27) A12

(B14/NC)

SDO (A6/25) SDI (A7/28) CSB (B0/26)

SCL (B12/30) SDA (B13/31)

RDY

B5

GND

A9

A11

A15

B3

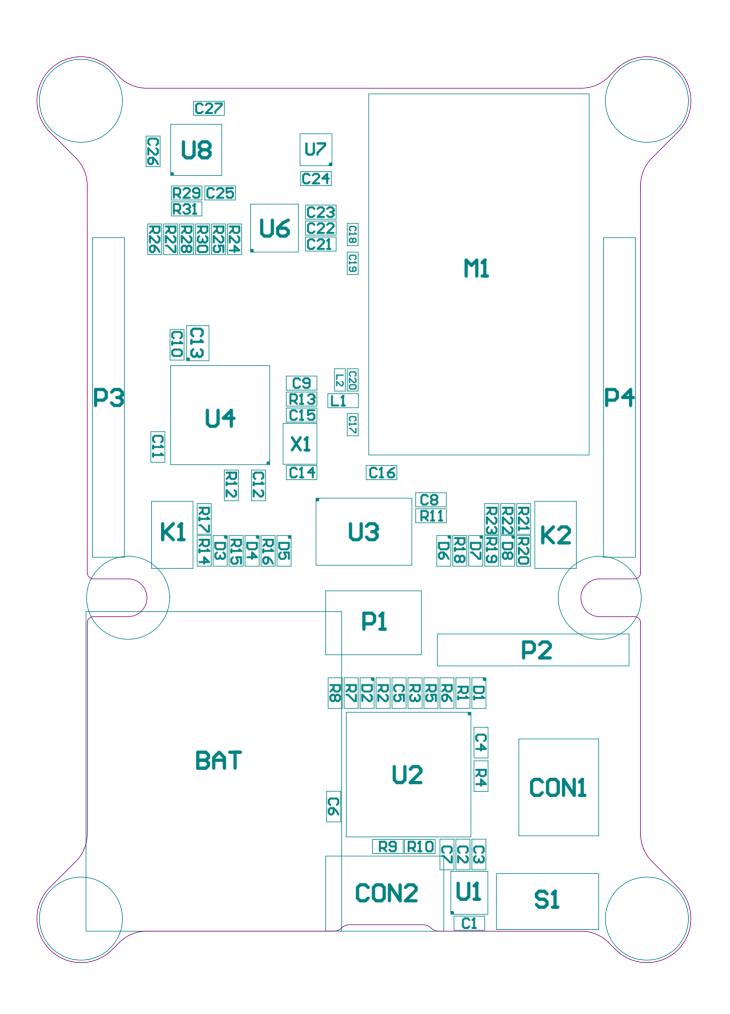
B4

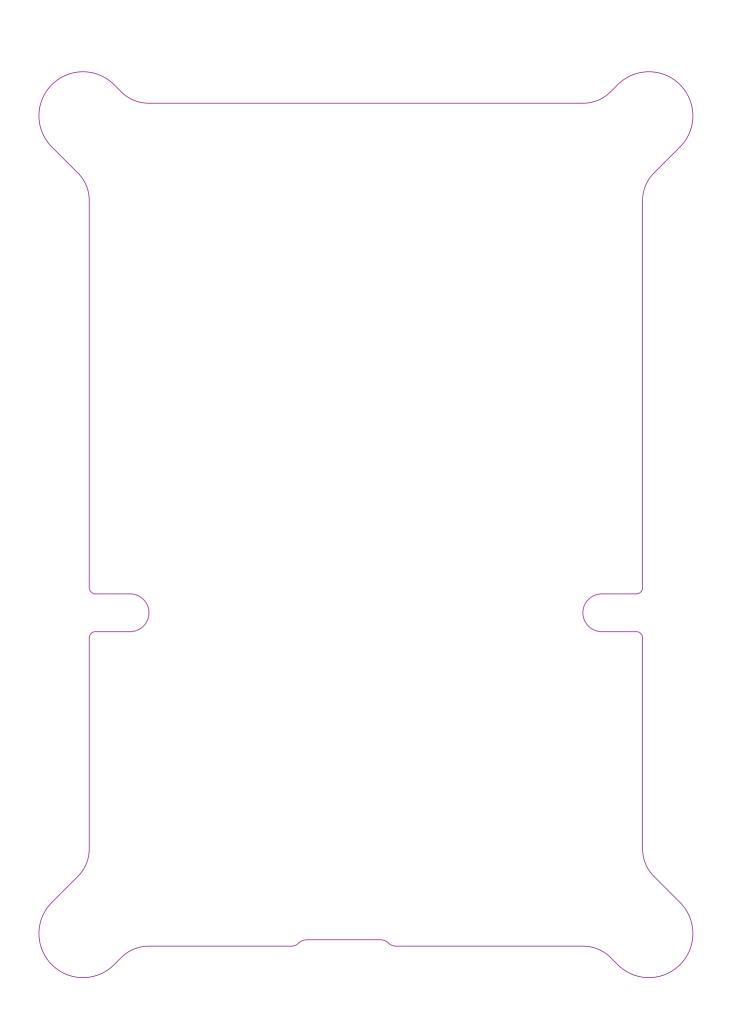
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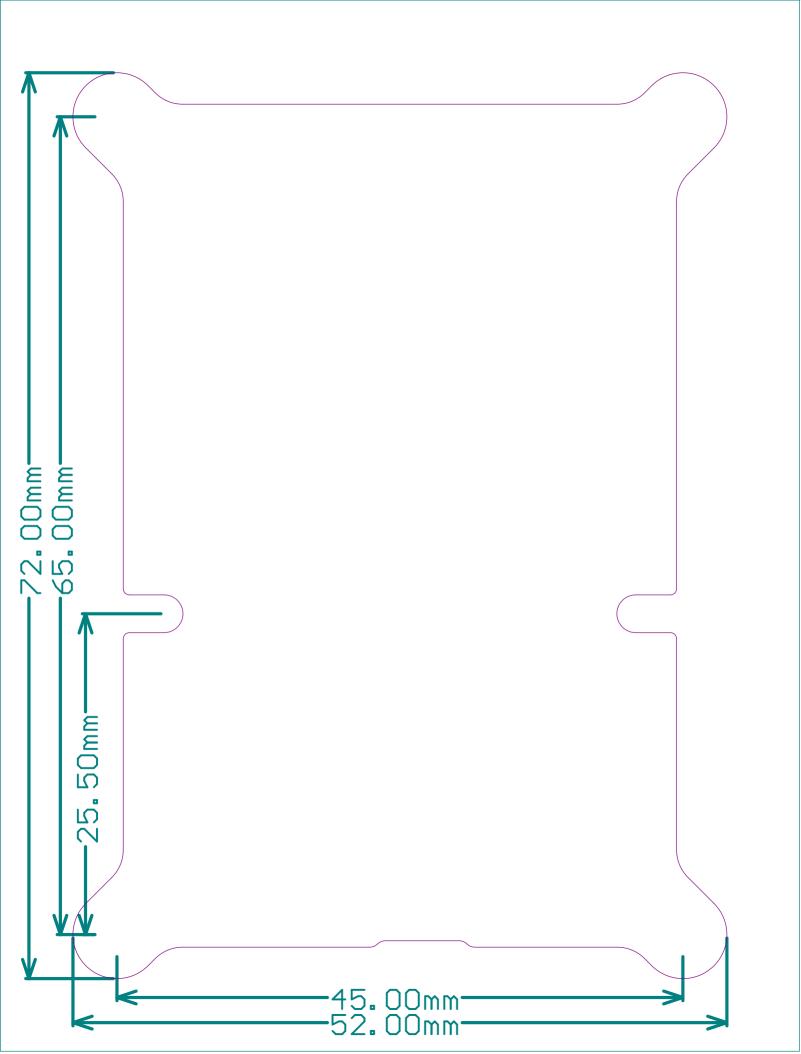
3V3 SWC GND

> GND SWC SWD 3V3









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