TrackMAG Head Tracker v1



100R +3.3V +3.3VA +3.37 1× 100n per VDD SW1 SW_RESET 100R +5V

+3.3V SW_BOOT

воото воото USB_C_Socket_USB2.0 PA4 PA5 PA6 16MHz HSE_OUT 16 INT1 PA7 17 29 PA8 7 CC2 B5

PA9 PA10 PA11 CL=2*(CL0-Cs) 2*(9-4)pF=10pF PA12 PA13 PA14 PA15 38 +3.3V

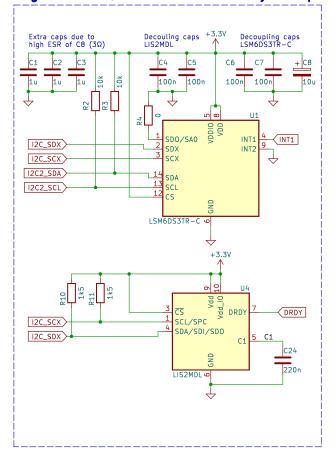
USBLC6-2P6 CALIBRATE SW_CALIBRATE 27 12C2_SCL 2 CALIBRATE RESET > RESET SWO 12C2_SDA 22 SWCLK DRDY 25 PB12 26 PB13 27 PB14 28 PB15

SWDIO

I2C2_SDA N ∞ STM32F103C8T6

I2C2_SCL

Magentometer, Accelerometer & Gyroscope

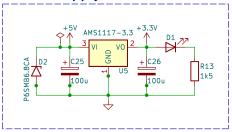


Rev: 1

ld: 1/1

Power Supply

SW3



Mounting Holes

- O H3 MountingHole

mupf.dev Sheet: /

File: TrackMAG.kicad sch Title: TrackMAG

Size: A4 Date: 2023-10-06 KiCad E.D.A. kicad 7.0.7