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

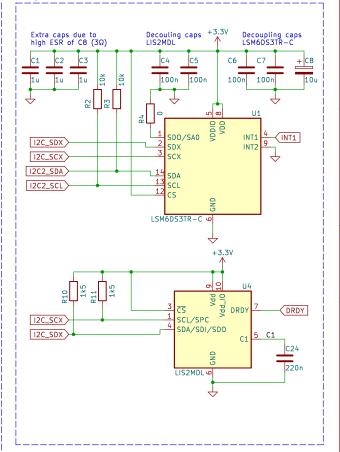
USB_C_Socket_USB2.0 PA4 PA5 PA6 16MHz HSE_OUT 16 INT1

PA7 17 29 PA8 7 CC2 B5 +3.3V PC15 PA9 PA10 PA11 CL=2*(CL0-Cs) 2*(9-4)pF=10pF PA12 PA13 PA14

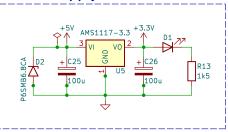
PA15 38 +3.3V USBLC6-2P6 SW3 CALIBRATE SW_CALIBRATE 27 12C2_SCL 2 CALIBRATE RESET > RESET SWO 12C2_SDA 22 SWCLK

25 PB12 26 PB13 27 PB14 28 PB15 SWDIO I2C2_SCL I2C2_SDA N ∞ STM32F103C8T6

Magentometer, Accelerometer & Gyroscope



Power Supply



DRDY

Mounting Holes

O H3 MountingHole

mupf.dev Sheet: / File: TrackMAG.kicad sch

Title: TrackMAG

KiCad E.D.A. kicad 7.0.7

Size: A4 Date: 2023-10-06 Rev: 1 ld: 1/1