Unidad Alimentacion Mounting Holes MK1 MK3 M2.5 M2.5 MK_EN1 MK_EN3 MK_SW11 M2.5 MK2 MK4 M2.5 MK4 MK_EN2 MK_EN4 MK_SW12 M2.5 M2.5 CC-CC_P783S Unidad GPS Unidad Led Conectores ADC GPI018(GEN1)(PWM0) + 2 LED1 GPI02(SDA1) GPI03(SCL1) GPI014(TXD0) GPI015(RXD0) GPI017(GEN0) GPI027(GEN2) GPI022(GEN3) GPI018(GEN1)(PWM0) GPI023(GEN4) GPI024(GEN5) GPI010(SPI0_MOSI) GPI025(GEN6) GPI09(SPI0_MISO GPI011(SPI0_SCK) GPI08(SPI0_CE_N) GPI07(SPI1_CE_N) GPI05 GPI06 GPI012(PWM0) GPI013(PWM1) GPI019(SPI1_MISO) GPI026 GPI021(SPI1_SCK) **Conversores Nivel** Q2 BSS138 BSS138 GPI015(RXD0) GPI014(TXD0)

Pi-MART

Telemetry System

MK_SW21 M2.5

MK_SW22 M2.5

O FID1 Fiducial

O FID2 Fiducial

O FID3 Fiducial

LM324 U3B

ID_SD and ID_SC PINS: These pins are reserved for HAT ID EEPROM.

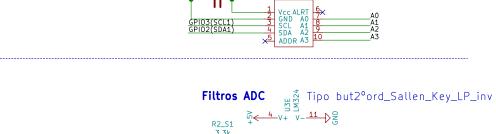
At boot time this I2C interface will be interrogated to look for an EEPROM that identifies the attached board and allows automagic setup of the GPIOs (and optionally, Linux drivers).

DO NOT USE these pins for anything other than attaching an I2C ID EEPROM. Leave unconnected if ID EEPROM not required.

Sheet: PCBs Encoder+RotSwitch SCH

Unidad ADC





R1_S1 5.1k

R3_S1 5.1k

R2_S2 R2

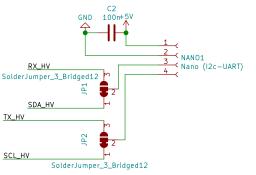
R3_S2 R3

R3_S3 R3

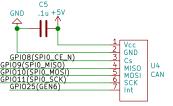
C2_S3

R2_S4 R2

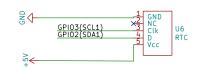
Unidad Nano-Volante



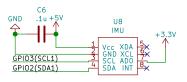




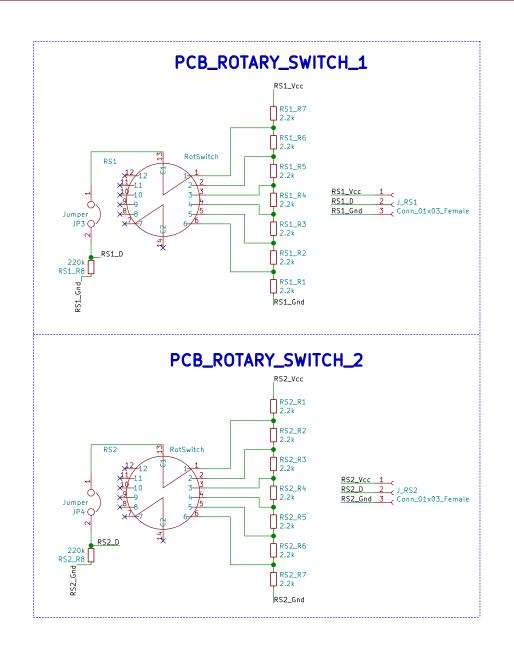
Unidad RTC

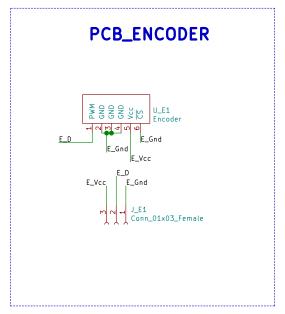


Unidad IMU



Mathias Lofeudo Clinckspoor MART Sheet: / File: PI_MARTLOgger.sch Title: RPI_MART_Logger Size: A3 Date: 2021-05-19 KiCad E.D.A. kicad (5.1.10)-1 Rev: 1.0.0.b





 MART

 Sheet: /PCBs/File: PCBs.sch

 Title: RPL_MART_Logger

 Size: A4
 Date: 2021-05-19
 Rev: 1.0.0.b

 KiCad E.D.A. kicad (5.1.10)-1
 Id: 2/2