

Federico Ignacio Nuñez Frau

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LMEASD

V_MEASD

USB_DP◇

USB_VBUSD

USB_DM◇

SWDIO◇

NRSTD

SWCLKD

DOMS

SD_CLK

SD_CMD◇

SD_SWD

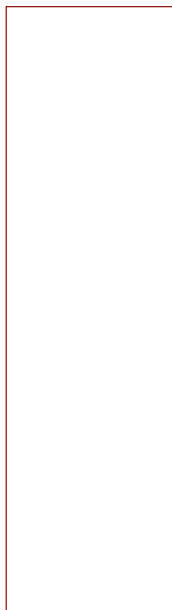
SD_DAT2◇

SD_DAT0◇

SD_DAT1◇

SD_DAT3◇

File: alimentacion.kicad_sch



IMU_MIS0D

IMU_CSQ

IMU_CLK

DISON_TMI

IMU_INT_DATA_RDYD

BARO_SCLD

BARO_SDA◇

GNSS_PPSD

GNSS_RxD

GNSS_Tx

MAG_SCLD

MAG_SDA◇

MAG_INT_DATA_RDYD

I2CA_SCLQ

I2CB_SDA◇

I2CA_SDA◇

UARTC_RXD

SPL_CSQ

SPL_MOSIQ

SPL_MIS0D

SPI_SCK□

SPL_E0CD

UARTB_RXD

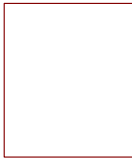
UARTB_TXD

UARTA_TXD

UARTC_TXD

UARTA_RXD

Sensores



CAN1_RXD

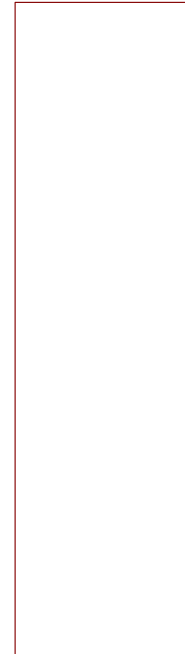
CAN1_TXD

CAN2_TXD

CAN2_RXD

Interfaz_CAN

File: interfaz_can.kicad_sch



▷LED4

▷LED3

▷LED6

DLED7

DLED2

▷LED1

▷LED5

DESC_3

DESC_8

DESC_6

DESC_5

◁DSM_DATA

DESC_2

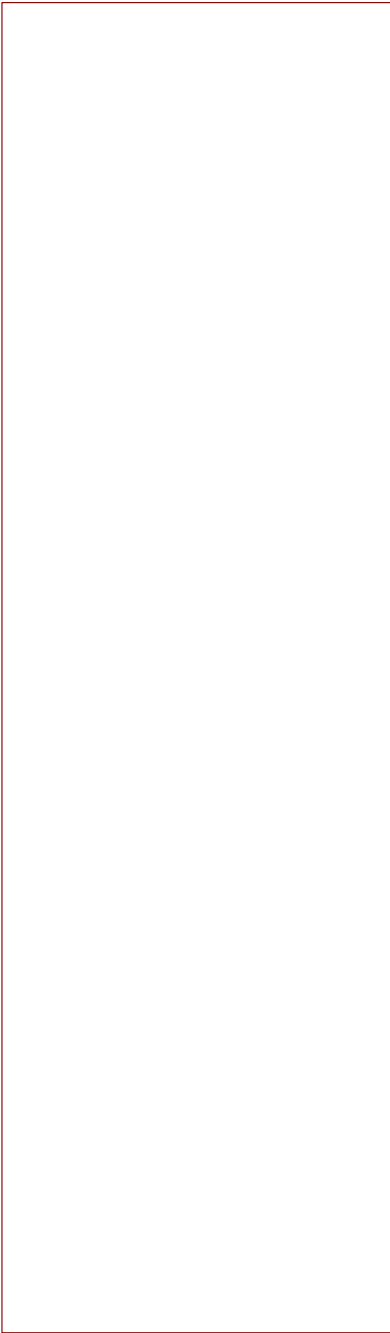
D>SERVO_3

D>SERVO_4

▷SERVO_1

D\SERV0_2

Leds indicadores + pulsadores + PWM + RC



File: indicator_leds.kicad_sch

◇I2C4_SDA

Q12C4_SCL

Q12C2_SCL

◇I2C2_SDA

◇SDMMC1_D2

◇SDMMC1_D1

DSDMMC1_CK

◇SDMMC1_D3

◇SDMMC1_D0

◇SDMMC1_CMD

◇OTG_FS_DM

◇OTG_FS_DP

DOTG_FS_ID

QTRACESWO

◇SWDIO

D>SWCLK

▷NRST

QCAN2_TX

DCAN2_RX

QCAN1_TX

DCAN1_RX

TIM1_CH1D

TIM1_CH3D

TIM1_CH2D

TIM1_CH4D

TIM4_CH4D

TIM4_CH2D

TIM4_CH1D

TIM4_CH3D

TIM3_CH4D

TIM3_CH3D

TIM3_CH1D

TIM3_CH2D

QSPI5_CS

QSPI5_SCK

DSP15_MISO

QSPI5_MOSI

USART3_RXD

D>PF5(EXTI5)

DUSART6_RX

QSPI2_MOSI

QSPI2_SCK

QSPI2_CS

QUSART6_TX

D>UART4_RX

QUART4_TX

D\UART7_RX

DTIM2_CH3

QUART7_TX

TIM8_CH2D

PF4Q

PF3Q

PE4Q

PE3Q

PE5Q

PEO(EXTIO)◻

PE1Q

PB4(EXTI4)▷

D>PB2(EXTI2)

D>PF12(EXTI12)

DADC1_IN3

D>PD3(EXTI3)

DADC1_IN14



100nF





GND

100nF





GND



100nF

MountingHole_Pad



100nF



GND



MountingHole_Pad





MountingHole_Pad

GND



MountingHole_Pad

Chassis_Bond_3

Chassis_Bond_2

Chassis_Bond_4

