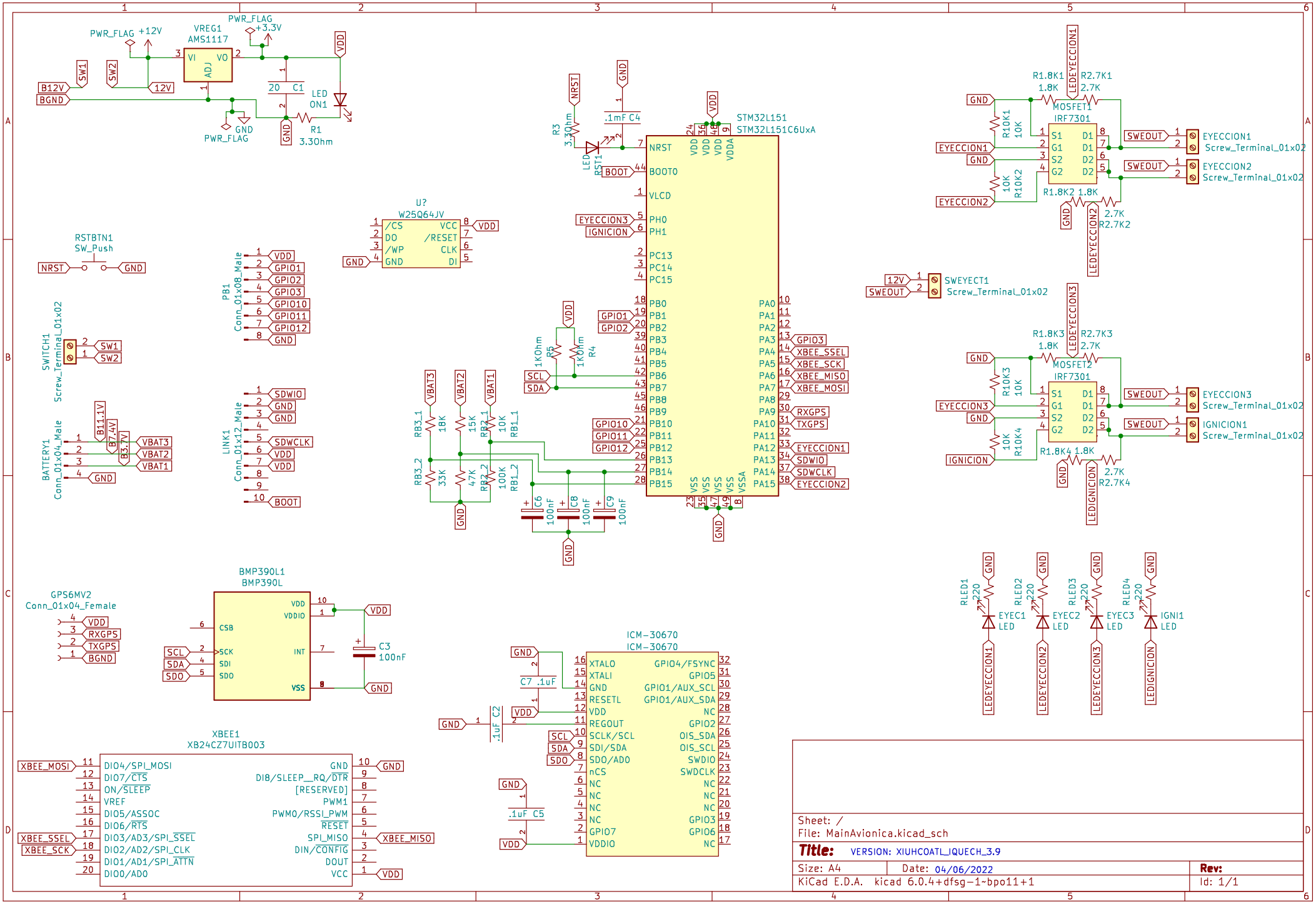
VREG1
AMS1117
PWR_FLAG
+12V
+3.3V
B12V
BGND
SW1
SW2
12V
VDD
C1
20
LED
ON1
R1
3.3Ohm
GND
STM32L151
STM32L151C6UxA
NRST
BOOT0
VLCD
PH0
PH1
PC13
PC14
PC15
PB0
PB1
PB2
PB3
PB4
PB5
PB6
PB7
PB8
PB9
PB10
PB11
PB12
PB13
PB14
PB15
PA0
PA1
PA2
PA3
PA4
PA5
PA6
PA7
PA8
PA9
PA10
PA11
PA12
PA13
PA14
PA15
VDDA
VSSA
VSS
R3
3.3Ohm
LED
RST1
.1mF C4
EYECCION3
IGNICION
GPIO1
GPIO2
GPIO3
GPIO10
GPIO11
GPIO12
XBEE_SSEL
XBEE_SCK
XBEE_MISO
XBEE_MOSI
RXGPS
TXGPS
SDWIO
SDWCLK
EYECCION1
EYECCION2
SCL
SDA
R5
1KOhm
R4
1KOhm
U?
W25Q64JV
/CS
DO
/WP
VCC
/RESET
CLK
DI
RSTBTN1
SW_Push
PB1
Conn_01x08_Male
SWITCH1
Screw_Terminal_01x02
BATTERY1
Conn_01x04_Male
B11.1V
B7.4V
B3.7V
VBAT3
VBAT2
VBAT1
LINK1
Conn_01x12_Male
BOOT
RB3_1
18K
15K
10K
RB1_1
RB3_2
33K
47K
100K
RB1_2
C6
100nF
C8
100nF
C9
100nF
R1.8K1
1.8K
R2.7K1
2.7K
MOSFET1
IRF7301
R10K1
10K
R10K2
10K
R1.8K2
1.8K
2.7K
R2.7K2
LEDEYECCION1
LEDEYECCION2
SWEOUT
SWEYECT1
Screw_Terminal_01x02
R1.8K3
1.8K
R2.7K3
2.7K
MOSFET2
IRF7301
R10K3
10K
R10K4
10K
R1.8K4
1.8K
2.7K
R2.7K4
LEDEYECCION3
LEDIGNICION
RLED1
220
RLED2
220
RLED3
220
RLED4
220
EYEC1
LED
EYEC2
LED
EYEC3
LED
IGNI1
LED
GPS6MV2
Conn_01x04_Female
RXGPS
TXGPS
BGND
BMP390L1
BMP390L
CSB
SCK
SDI
SDO
VDDIO
INT
VSS
C3
100nF
ICM-30670
XTALO
XTALI
RESETL
REGOUT
SCLK/SCL
SDI/SDA
SDO/AD0
nCS
GPIO7
VDDIO
GPIO4/FSYNC
GPIO5
GPIO1/AUX_SCL
GPIO1/AUX_SDA
GPIO2
OIS_SDA
OIS_SCL
SWDIO
SWDCLK
GPIO3
GPIO6
C7 .1uF
.1uF C2
.1uF C5
XBEE1
XB24CZ7UITB003
DIO4/SPI_MOSI
DIO7/CTS
ON/SLEEP
VREF
DIO5/ASSOC
DIO6/RTS
DIO3/AD3/SPI_SSEL
DIO2/AD2/SPI_CLK
DIO1/AD1/SPI_ATTN
DIO0/AD0
DI8/SLEEP_RQ/DTR
[RESERVED]
PWM1
PWM0/RSSI_PWM
RESET
SPI_MISO
DIN/CONFIG
DOUT
Sheet: /
File: MainAvionica.kicad_sch
Title:
VERSION: XIUHCOATL_IQUECH_3.9
Size: A4
Date: 04/06/2022
Rev:
KiCad E.D.A. kicad 6.0.4+dfsg-1~bpo11+1
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