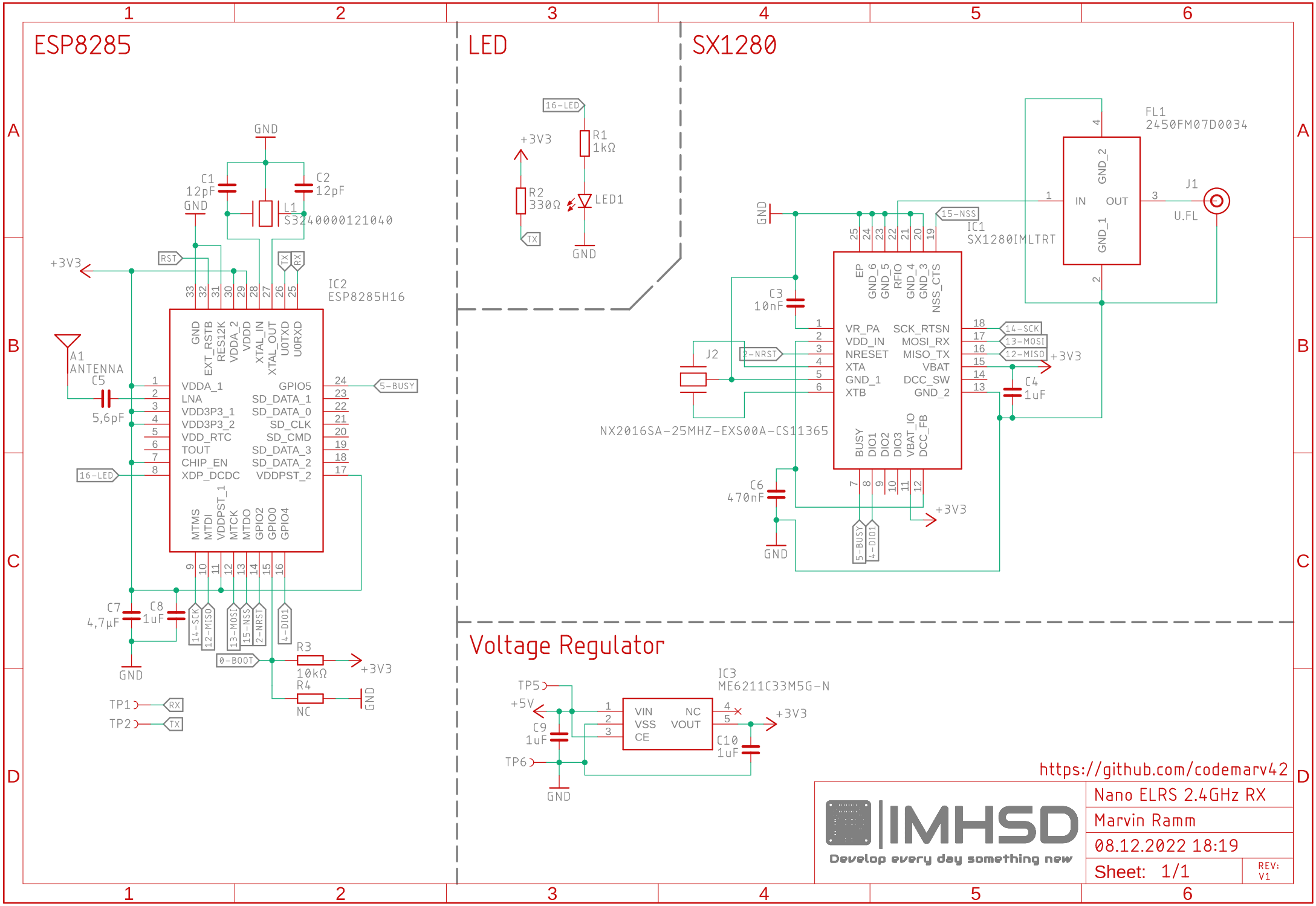
ESP8285
GND
C1
12pF
C2
12pF
L1
S3240000121040
+3V3
RST
TX
RX
IC2
ESP8285H16
GND
EXT_RSTB
RES12K
VDDA_2
VDDD
XTAL_IN
XTAL_OUT
U0TXD
U0RXD
A1
ANTENNA
C5
5,6pF
VDDA_1
LNA
VDD3P3_1
VDD3P3_2
VDD_RTC
TOUT
CHIP_EN
XDP_DCDC
GPIO5
SD_DATA_1
SD_DATA_0
SD_CLK
SD_CMD
SD_DATA_3
SD_DATA_2
VDDPST_2
5-BUSY
16-LED
MTMS
MTDI
VDDPST_1
MTCK
MTDO
GPIO2
GPIO0
GPIO4
C7
4,7µF
C8
1uF
14-SCK
12-MISO
13-MOSI
15-NSS
2-NRST
4-DIO1
0-BOOT
R3
10kΩ
R4
NC
TP1
TP2
LED
16-LED
R1
1kΩ
R2
330Ω
LED1
SX1280
FL1
2450FM07D0034
IN
OUT
GND_2
GND_1
J1
U.FL
15-NSS
IC1
SX1280IMLTRT
C3
10nF
J2
NX2016SA-25MHZ-EXS00A-CS11365
EP
GND_6
GND_5
RFIO
GND_4
GND_3
NSS_CTS
VR_PA
VDD_IN
NRESET
XTA
GND_1
XTB
SCK_RTSN
MOSI_RX
MISO_TX
VBAT
DCC_SW
GND_2
BUSY
DIO1
DIO2
DIO3
VBAT_IO
DCC_FB
C4
1uF
C6
470nF
Voltage Regulator
TP5
+5V
C9
1uF
TP6
IC3
ME6211C33M5G-N
VIN
VSS
CE
NC
VOUT
C10
1uF
https://github.com/codemarv42
IMHSD
Develop every day something new
Nano ELRS 2.4GHz RX
Marvin Ramm
08.12.2022 18:19
Sheet: 1/1
REV: V1