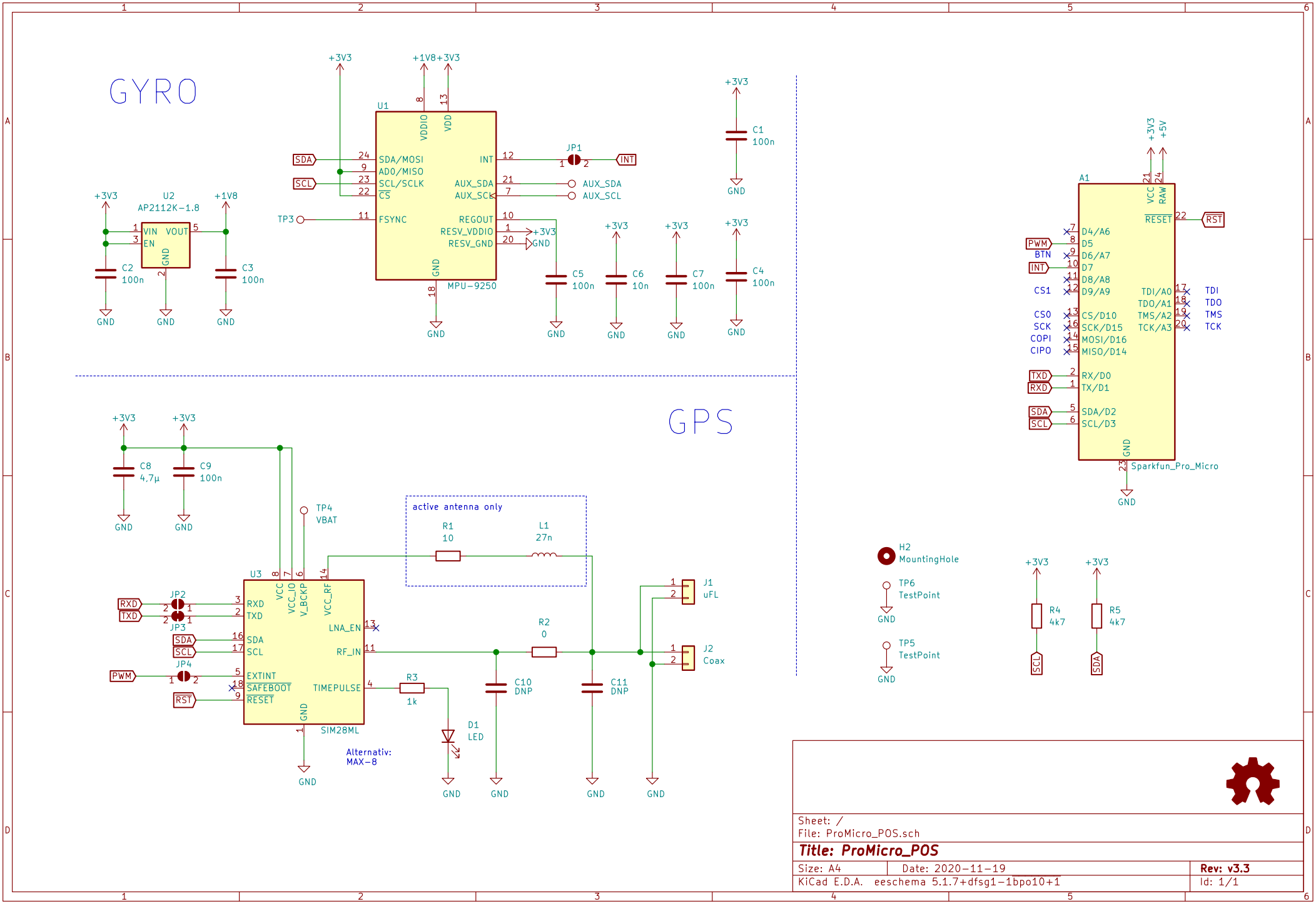
GYRO
U1
MPU-9250
SDA/MOSI
AD0/MISO
SCL/SCLK
CS
FSYNC
VDDIO
VDD
INT
AUX_SDA
AUX_SCL
REGOUT
RESV_VDDIO
RESV_GND
GND
U2
AP2112K-1.8
VIN
EN
VOUT
JP1
TP3
C1 100n
C2 100n
C3 100n
C4 100n
C5 100n
C6 10n
C7 100n
+3V3
+1V8
GND
GPS
U3
SIM28ML
RXD
TXD
SDA
SCL
EXTINT
SAFEBOOT
RESET
VCC
VCC_IO
V_BCKP
VCC_RF
LNA_EN
RF_IN
TIMEPULSE
JP2
JP3
JP4
PWM
RST
C8 4,7µ
C9 100n
TP4 VBAT
active antenna only
R1 10
L1 27n
R2 0
R3 1k
D1 LED
C10 DNP
C11 DNP
J1 uFL
J2 Coax
Alternativ: MAX-8
A1
Sparkfun_Pro_Micro
D4/A6
D5
D6/A7
D7
D8/A8
D9/A9
CS/D10
SCK/D15
MOSI/D16
MISO/D14
RX/D0
TX/D1
SDA/D2
SCL/D3
TDI/A0
TDO/A1
TMS/A2
TCK/A3
VCC
RAW
CS1
CS0
COPI
CIPO
H2 MountingHole
TP6 TestPoint
TP5 TestPoint
R4 4k7
R5 4k7
Sheet: /
File: ProMicro_POS.sch
Title: ProMicro_POS
Size: A4
Date: 2020-11-19
Rev: v3.3
KiCad E.D.A. eeschema 5.1.7+dfsg1-1bpo10+1
Id: 1/1