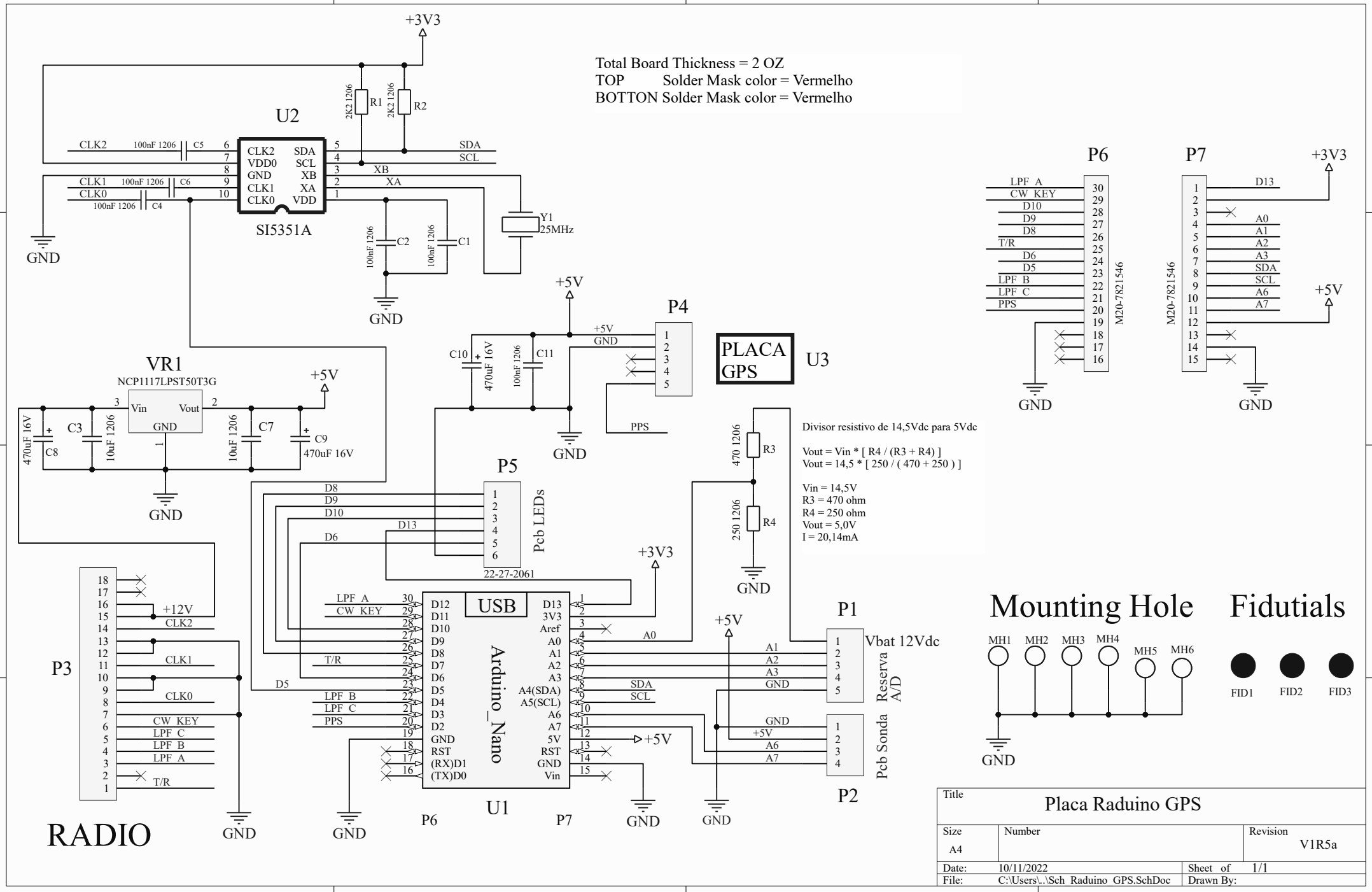
Total Board Thickness = 2 OZ
TOP Solder Mask color = Vermelho
BOTTON Solder Mask color = Vermelho
U2
SI5351A
CLK2
VDD0
GND
CLK1
CLK0
SDA
SCL
XB
XA
VDD
+3V3
R1
R2
2K2 1206
C5
C6
C4
C1
C2
100nF 1206
Y1
25MHz
GND
VR1
NCP1117LPST50T3G
Vin
Vout
C3
C7
C8
C9
10uF 1206
470uF 16V
+5V
P4
PPS
C10
C11
PLACA GPS
U3
R3
R4
470 1206
250 1206
Divisor resistivo de 14,5Vdc para 5Vdc
Vout = Vin * [R4 / (R3 + R4)]
Vout = 14,5 * [250 / (470 + 250)]
Vin = 14,5V
R3 = 470 ohm
R4 = 250 ohm
Vout = 5,0V
I = 20,14mA
P5
Pcb LEDs
22-27-2061
D8
D9
D10
D13
D6
D5
P3
+12V
CLK2
CLK1
CLK0
CW KEY
LPF C
LPF B
LPF A
T/R
RADIO
USB
Arduino_Nano
U1
D12
D11
D10
D9
D8
D7
D6
D5
D4
D3
D2
GND
RST
(RX)D1
(TX)D0
3V3
Aref
A0
A1
A2
A3
A4(SDA)
A5(SCL)
A6
A7
5V
Vin
P6
P7
P1
P2
Vbat 12Vdc
Reserva A/D
Pcb Sonda
M20-7821546
Mounting Hole
Fidutials
MH1
MH2
MH3
MH4
MH5
MH6
FID1
FID2
FID3
Title
Placa Raduino GPS
Size
A4
Number
Revision
V1R5a
Date: 10/11/2022
Sheet of 1/1
File: C:\Users\..\Sch_Raduino_GPS.SchDoc
Drawn By: