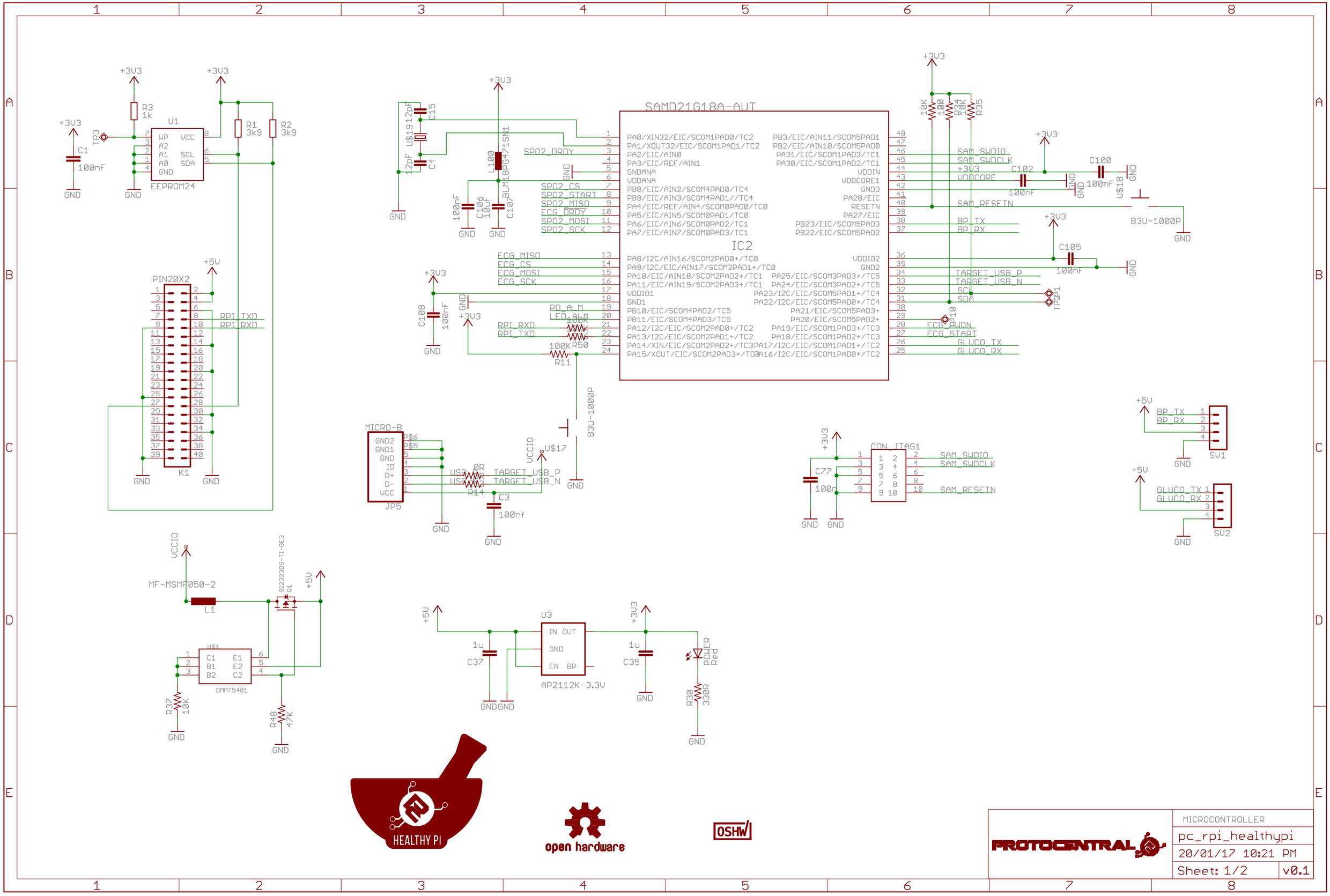
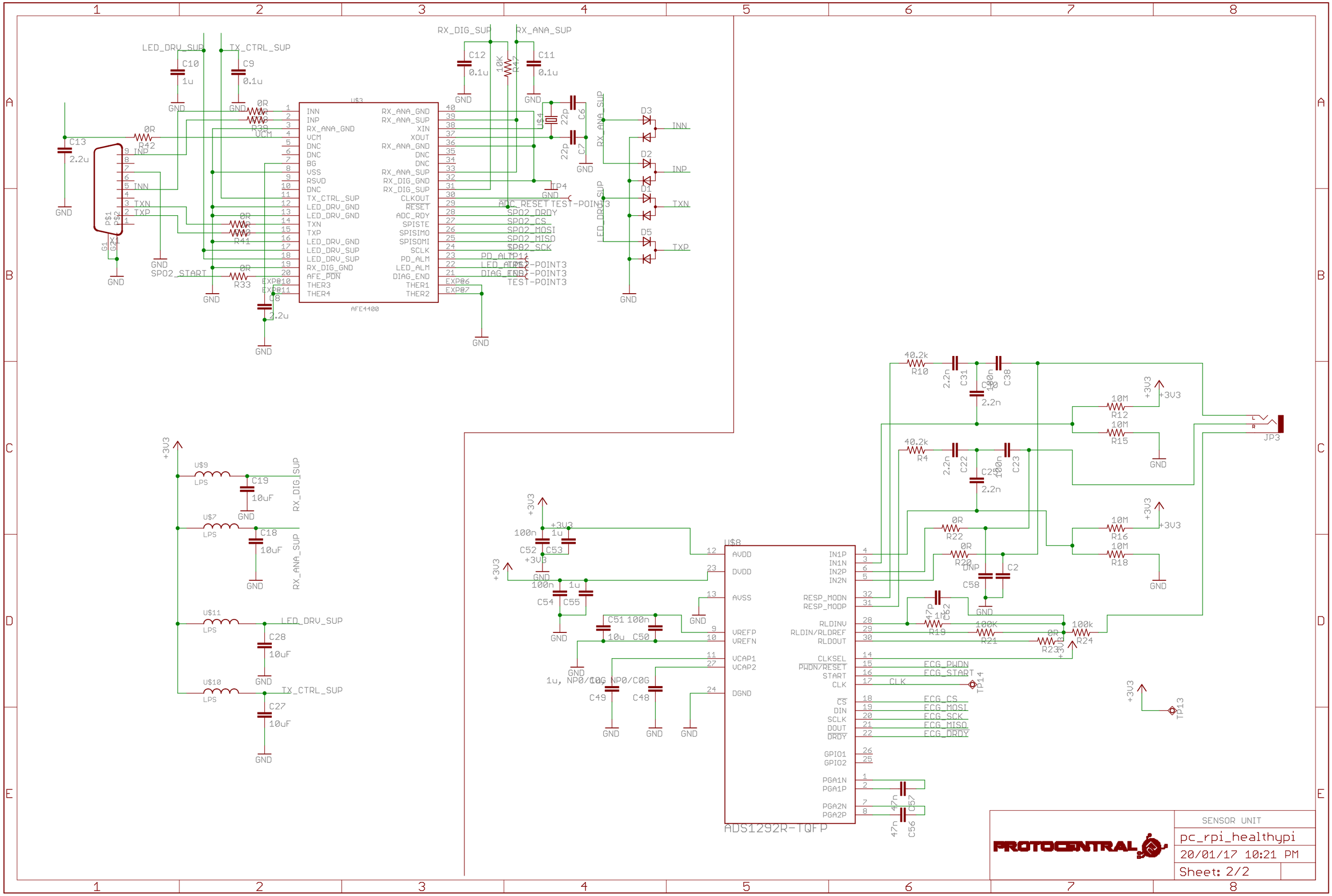


PROTOCENTRAL	MICROCONTROLLER
	pc_rpi_healthypi
	20/01/17 10:21 PM
	Sheet: 1/2 v0.1


U$3
AFE4400
INN
INP
RX_ANA_GND
VCM
DNC
BG
VSS
RSVD
TX_CTRL_SUP
LED_DRV_GND
TXN
TXP
LED_DRV_SUP
RX_DIG_GND
AFE_PDN
THER3
THER4
RX_ANA_SUP
XIN
XOUT
RX_DIG_GND
RX_DIG_SUP
CLKOUT
RESET
ADC_RDY
SPISTE
SPISIMO
SPISOMI
SCLK
PD_ALM
LED_ALM
DIAG_END
THER1
THER2
EXP06
EXP07
EXP10
EXP11
ADC_RESET
SPO2_DRDY
SPO2_CS
SPO2_MOSI
SPO2_MISO
SPO2_SCK
PD_ALM
LED_ALM
DIAG_END
SPO2_START
LED_DRV_SUP
TX_CTRL_SUP
RX_DIG_SUP
RX_ANA_SUP
U$4
TEST-POINT3
U$8
ADS1292R-TQFP
AVDD
DVDD
AVSS
VREFP
VREFN
VCAP1
VCAP2
DGND
IN1P
IN1N
IN2P
IN2N
RESP_MODN
RESP_MODP
RLDINV
RLDIN/RLDREF
RLDOUT
CLKSEL
PWDN/RESET
START
CLK
CS
DIN
SCLK
DOUT
DRDY
GPIO1
GPIO2
PGA1N
PGA1P
PGA2N
PGA2P
ECG_PWDN
ECG_START
ECG_CS
ECG_MOSI
ECG_SCK
ECG_MISO
ECG_DRDY
JP3
+3V3
GND
PROTOCENTRAL
SENSOR UNIT
pc_rpi_healthypi
20/01/17 10:21 PM
Sheet: 2/2