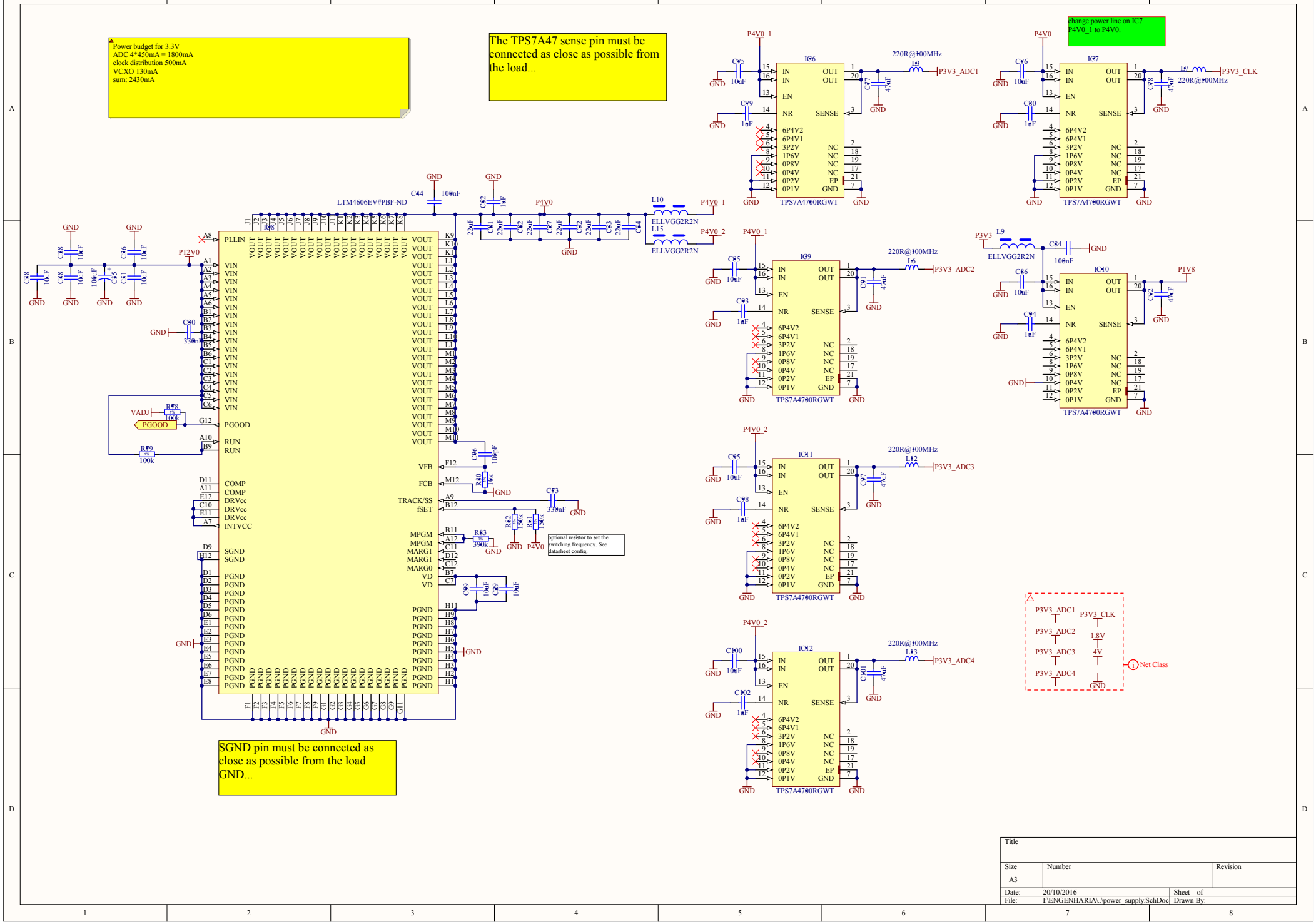
Power budget for 3.3V
ADC 4*450mA = 1800mA
clock distribution 500mA
VCXO 130mA
sum: 2430mA
The TPS7A47 sense pin must be connected as close as possible from the load...
change power line on IC7 P4V0_1 to P4V0.
LTM4606EV#PBF-ND
TPS7A4700RGWT
ELLVGG2R2N
optional resistor to set the switching frequency. See datasheet config.
SGND pin must be connected as close as possible from the load GND...
P3V3_ADC1
P3V3_ADC2
P3V3_ADC3
P3V3_ADC4
P3V3_CLK
1.8V
4V
Net Class
Title
Size
A3
Number
Revision
Date: 20/10/2016
Sheet of
File: I:\ENGENHARIA\..\power_supply.SchDoc
Drawn By: