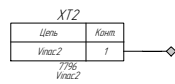
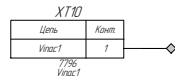


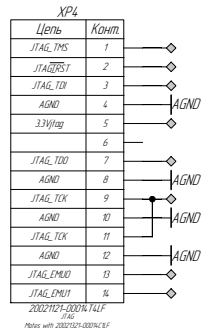
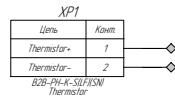
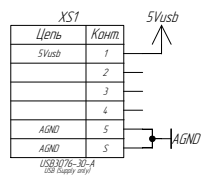
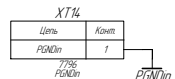


### INPUT CONNECTORS

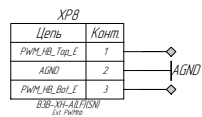
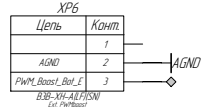
## AC INPUT



## EXTRA DEUT

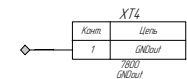


EXTERNAL PWM

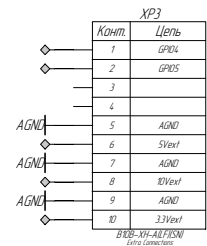
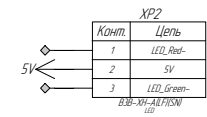
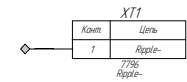
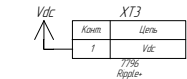


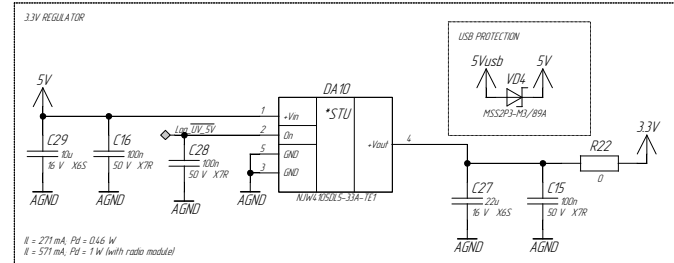
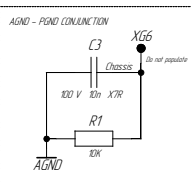
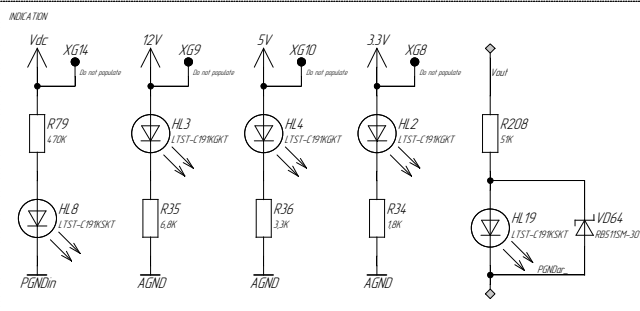
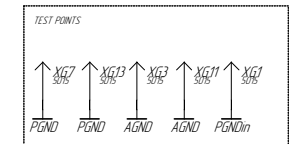
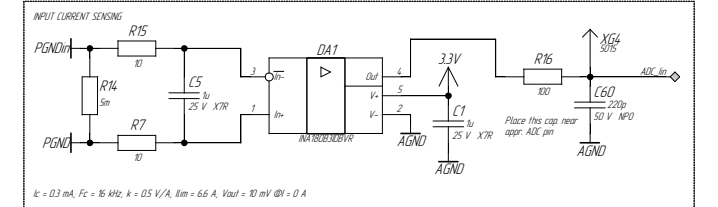
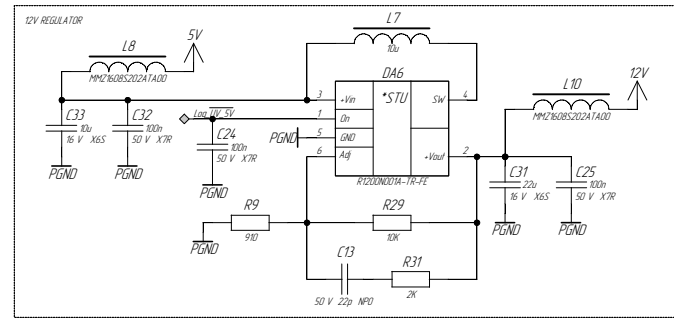
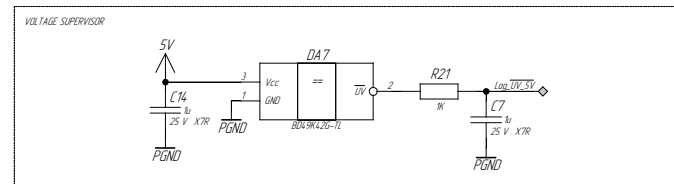
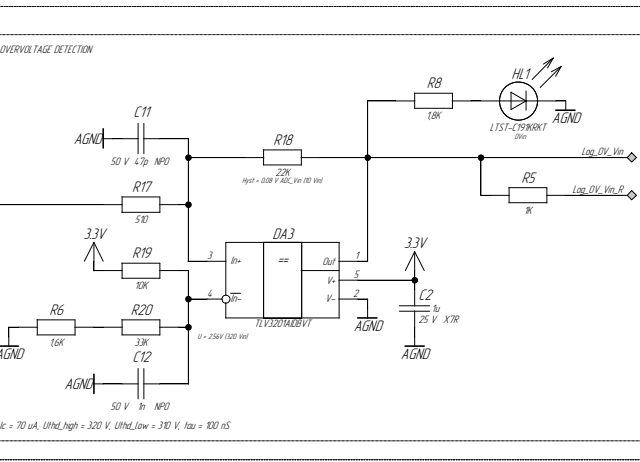
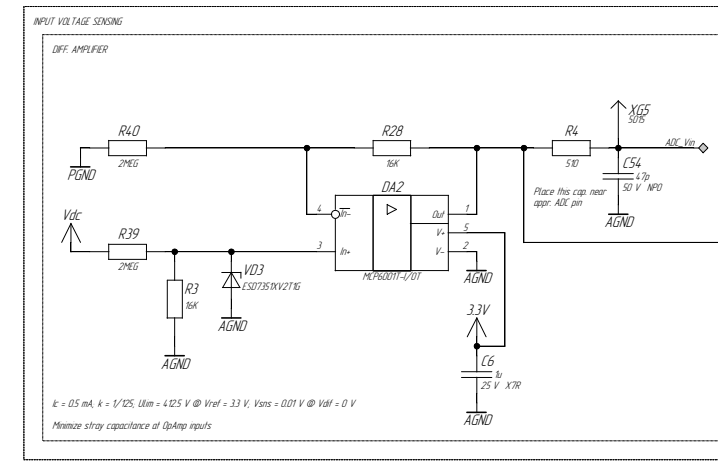
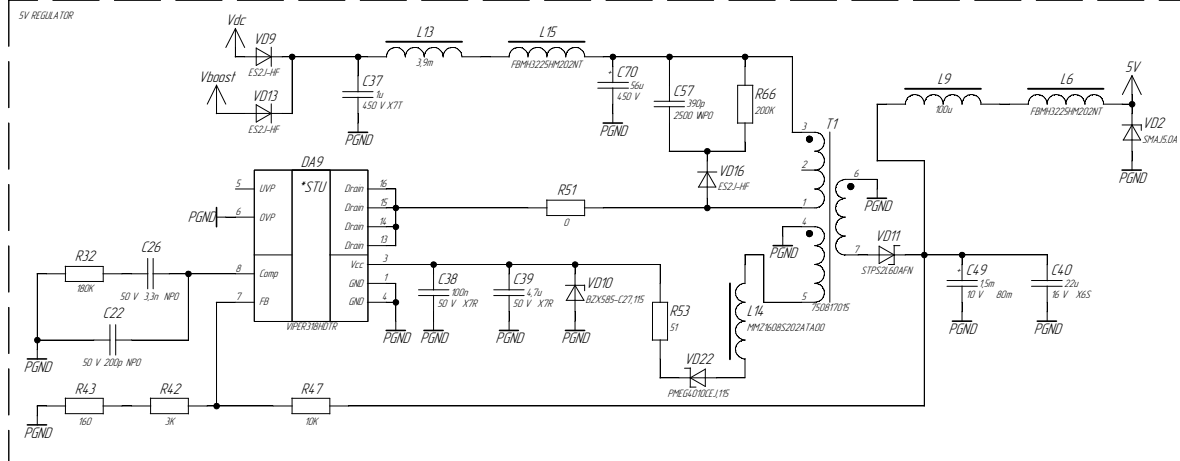
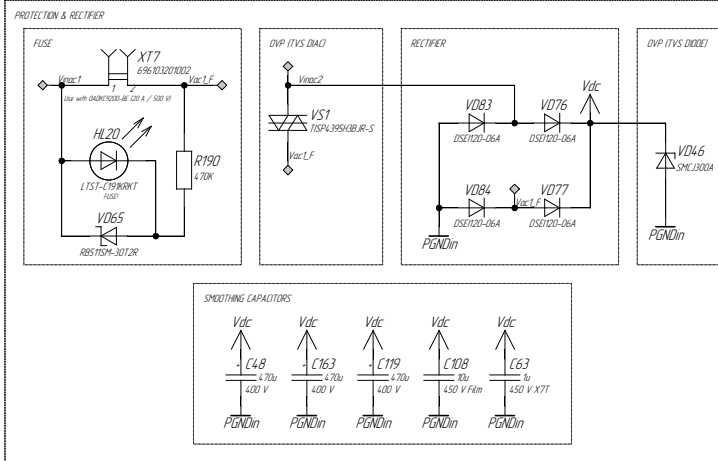
### OUTPUT CONNECTORS

### OUTPUT TERMINALS

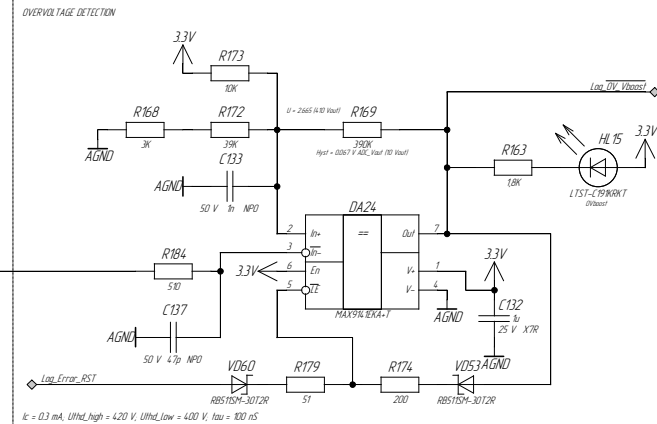
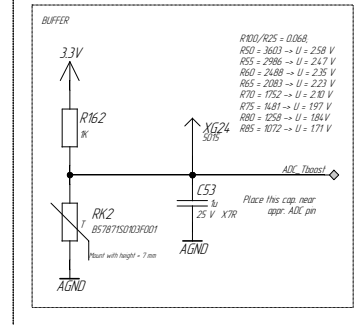


*RIPPLE RESISTOR*

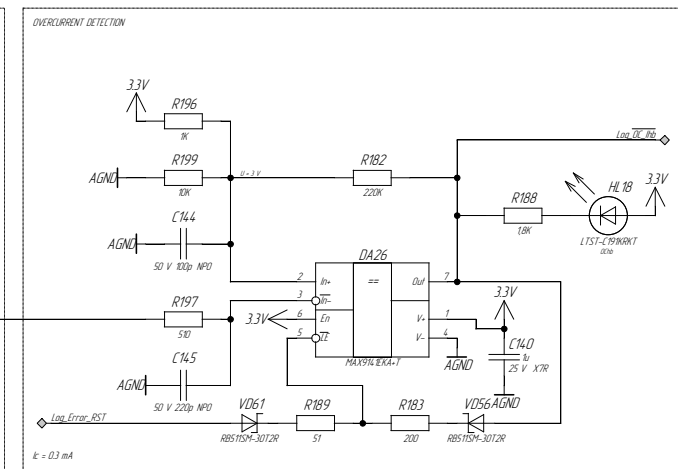
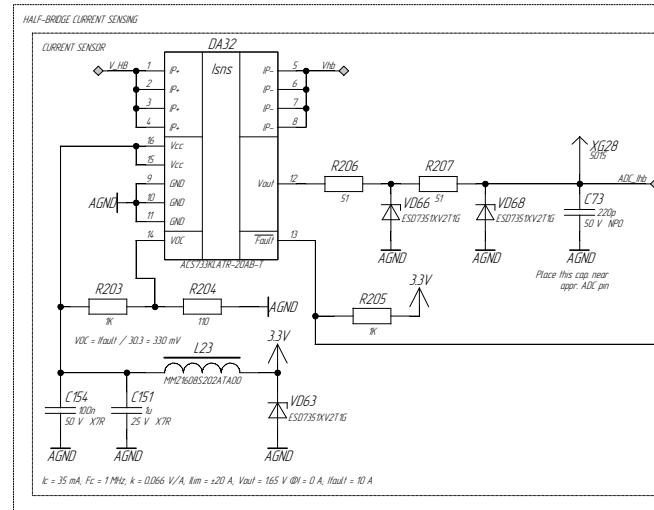
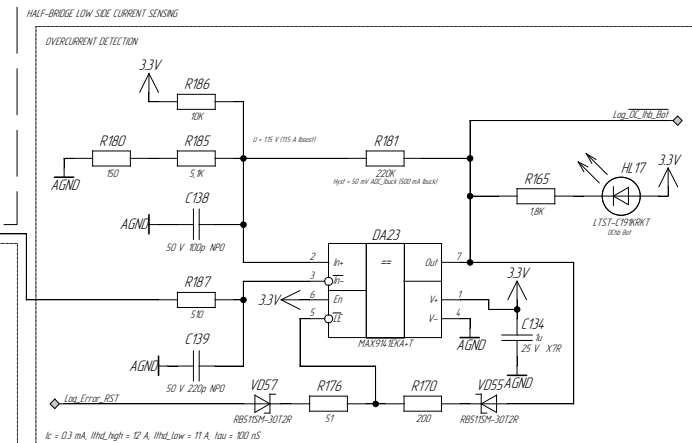
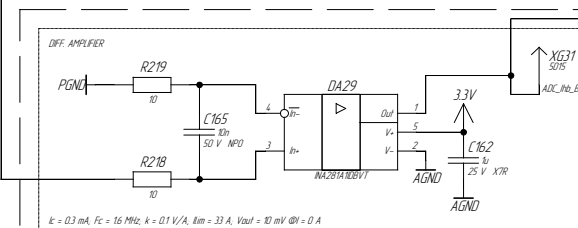
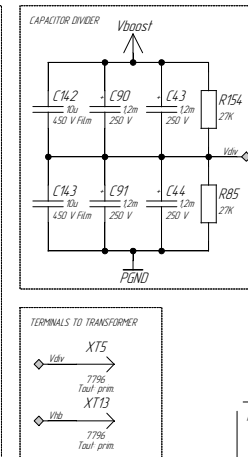
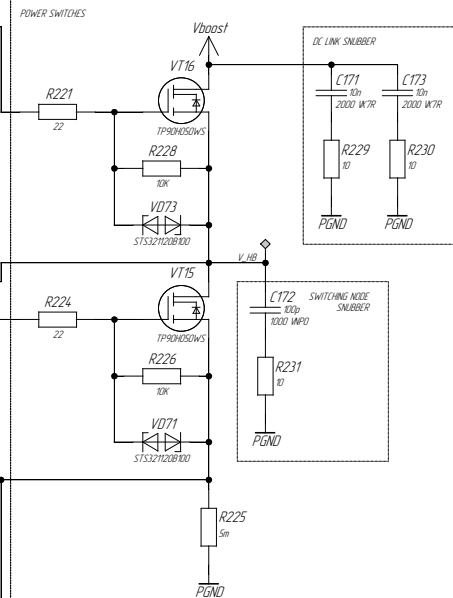
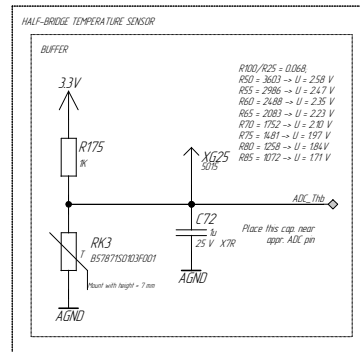
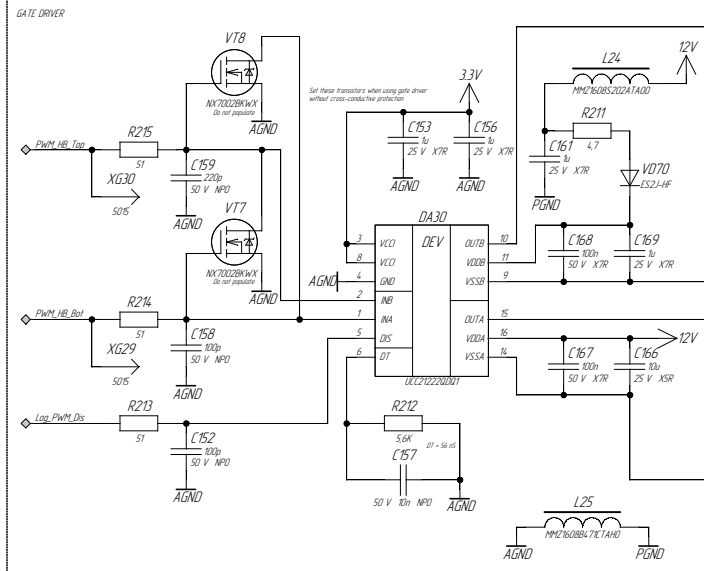


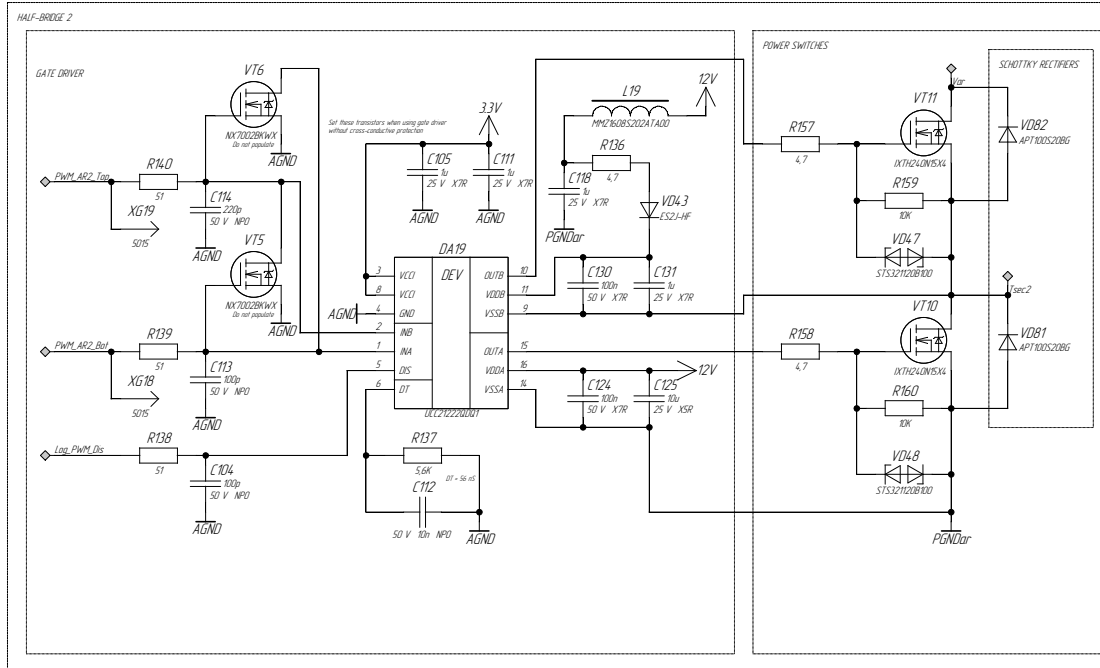
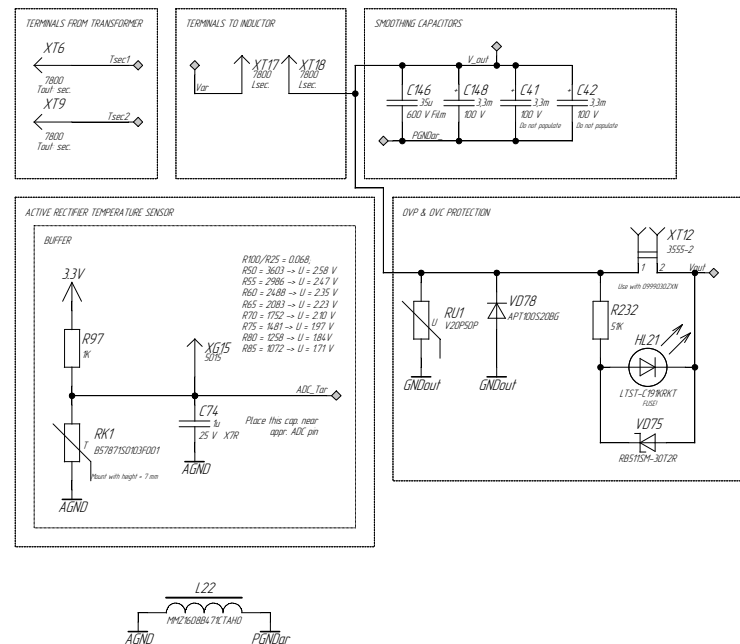


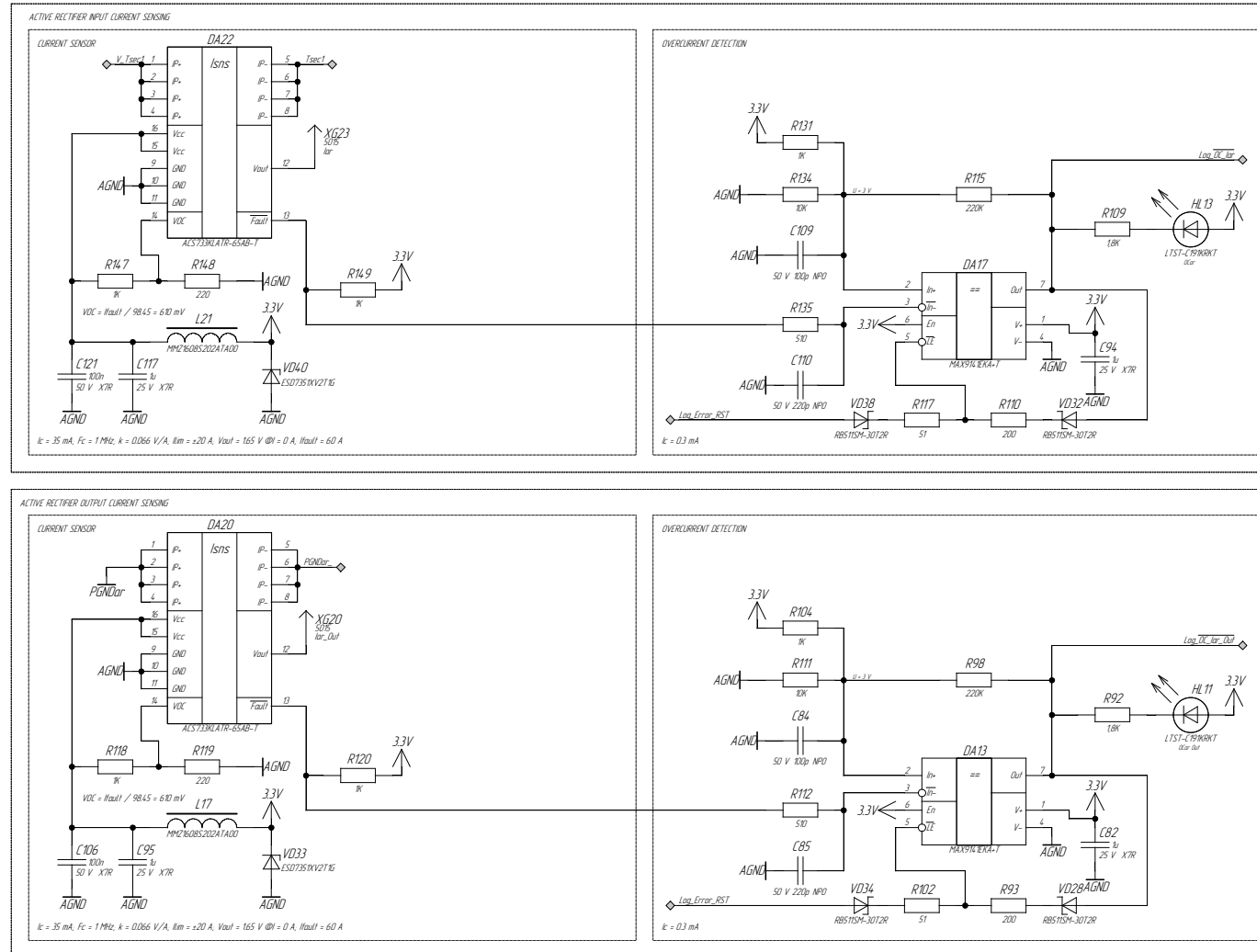
### BOOST CONVERTER TEMPERATURE SENSOR



1000 N° 1000

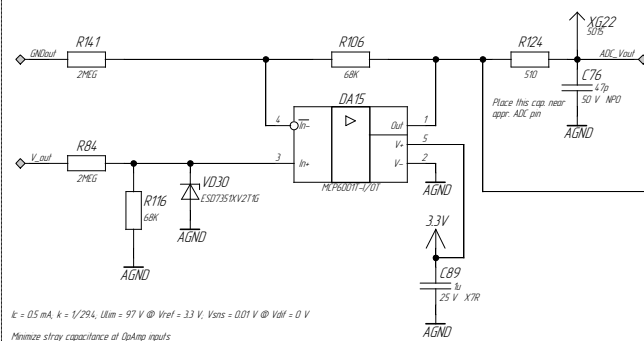




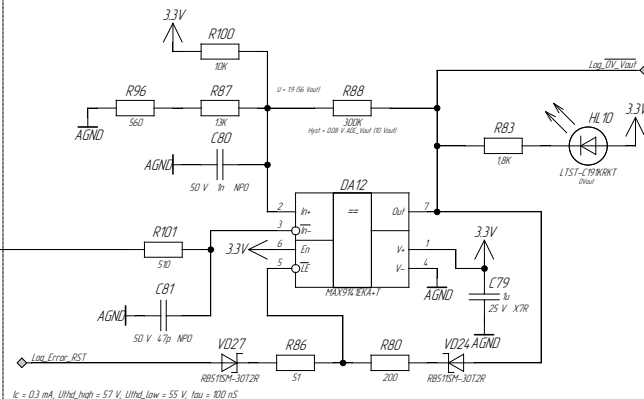


OUTPUT VOLTAGE SENSING

DIFF. AMPLIFIER

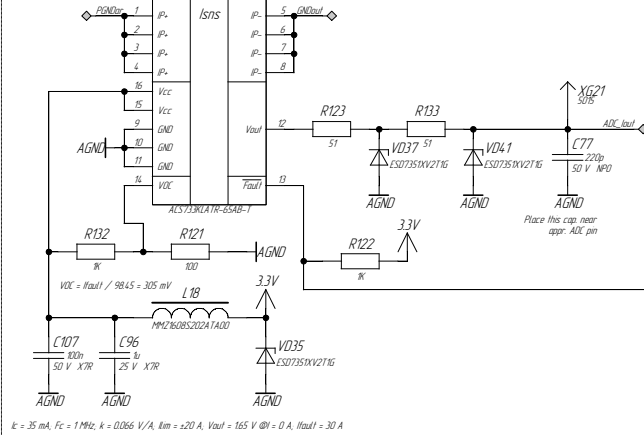


OVERVOLTAGE DETECTION

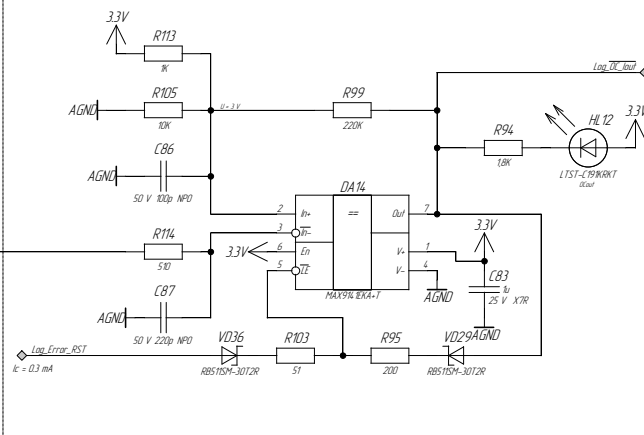


OUTPUT CURRENT SENSING

CURRENT SENSOR



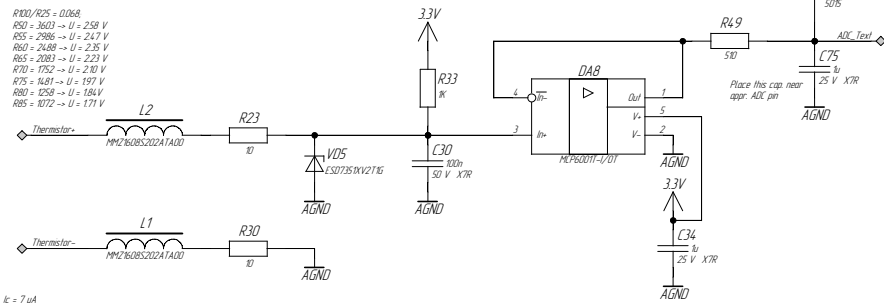
OVERCURRENT DETECTION



EXTERNAL TEMPERATURE SENSOR

BS7875D03F001/NTCALUG01103FA or analog BS25/100 = 3988 K) is intended.

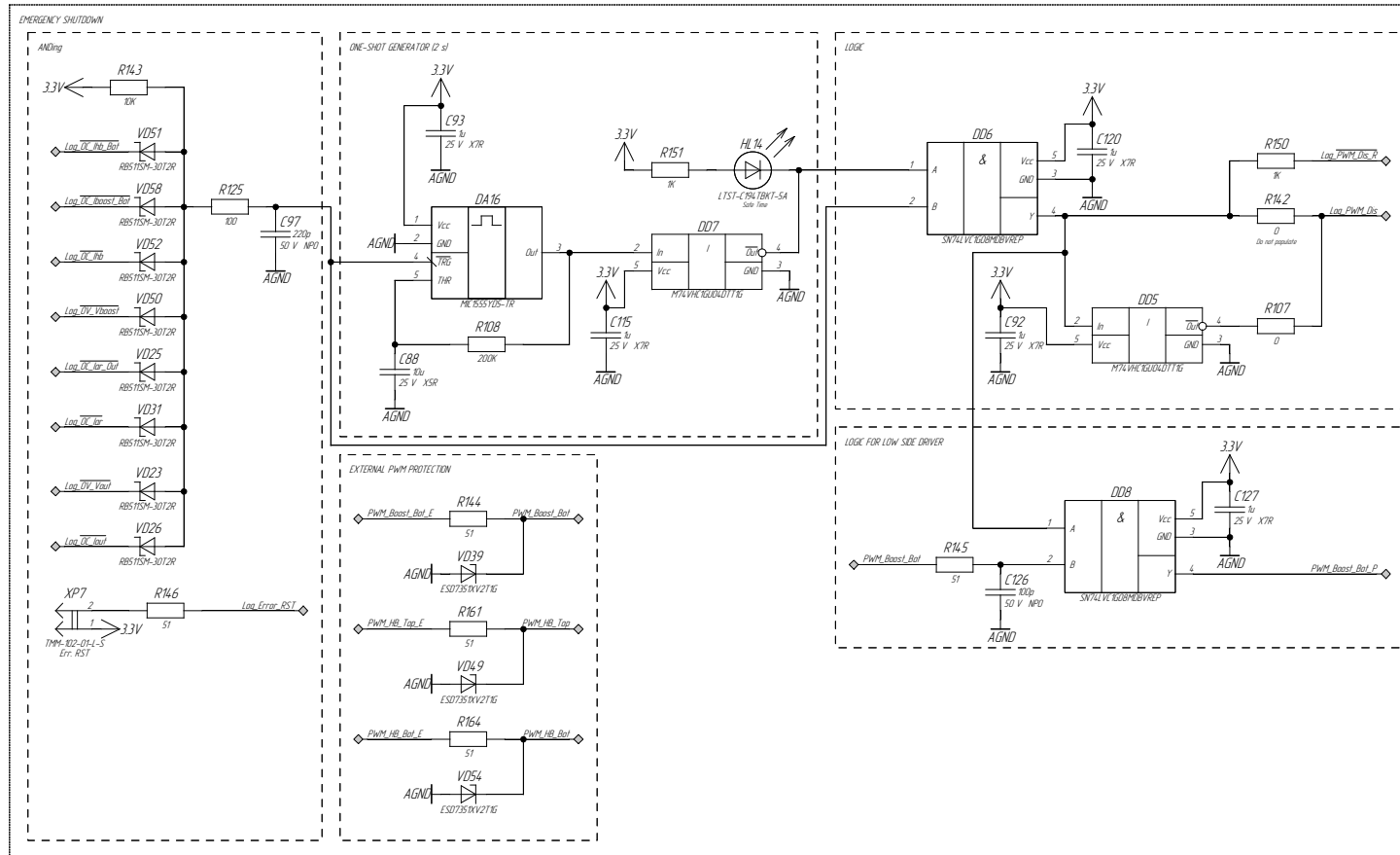
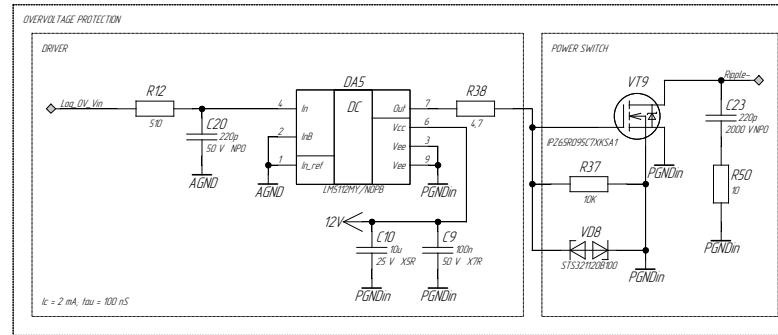
$R100/R25 = 0.068$ ,  
 $R20 = 3603 \rightarrow U = 2.58 \text{ V}$   
 $R35 = 2986 \rightarrow U = 2.47 \text{ V}$   
 $R60 = 2489 \rightarrow U = 2.35 \text{ V}$   
 $R65 = 2083 \rightarrow U = 2.23 \text{ V}$   
 $R70 = 1752 \rightarrow U = 2.10 \text{ V}$   
 $R75 = 1491 \rightarrow U = 1.97 \text{ V}$   
 $R80 = 1258 \rightarrow U = 1.84 \text{ V}$   
 $R85 = 1072 \rightarrow U = 1.71 \text{ V}$



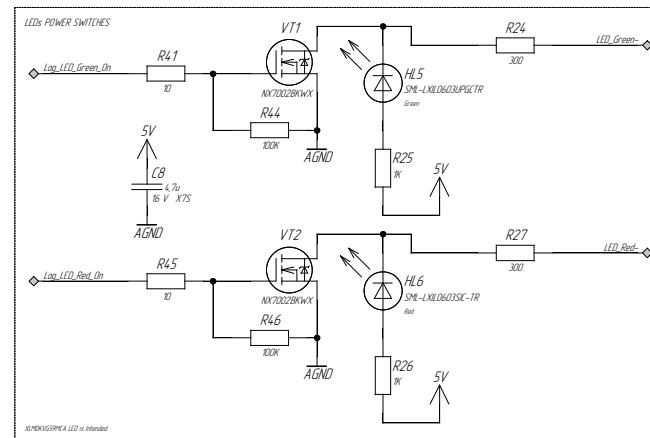
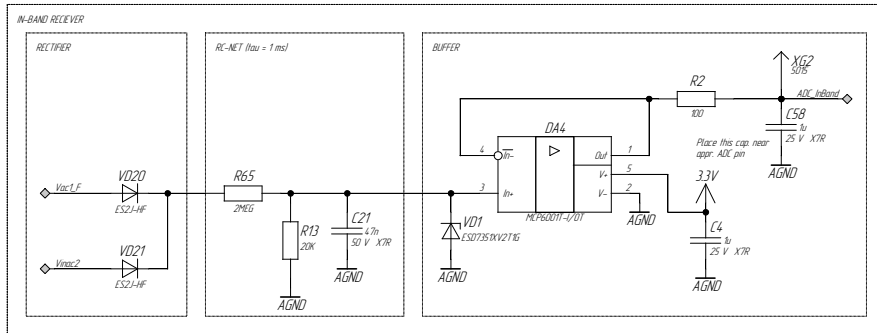
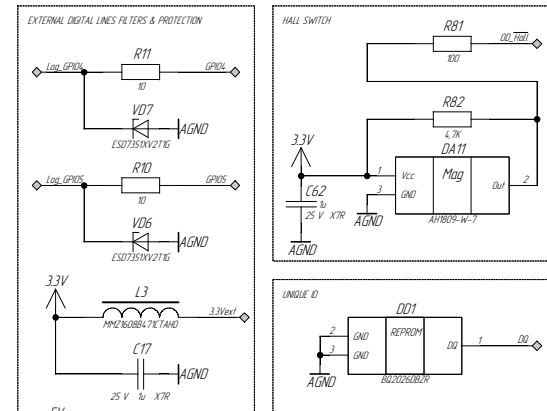
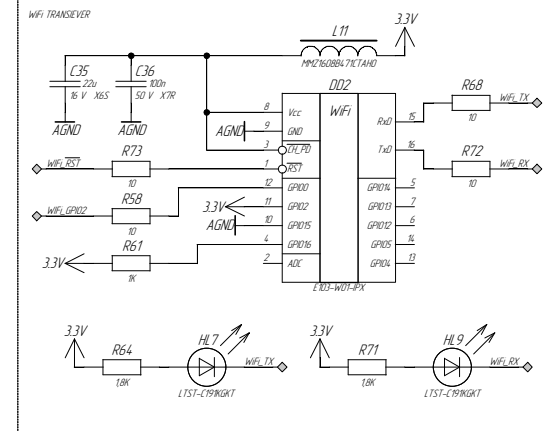
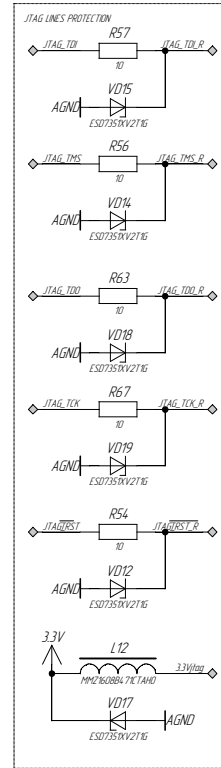
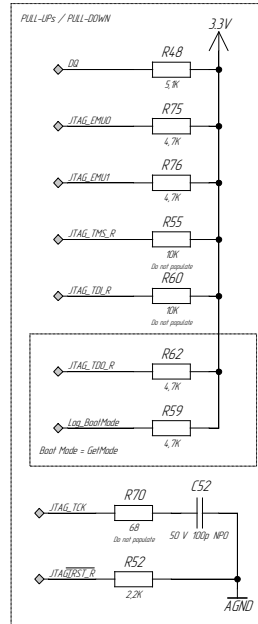
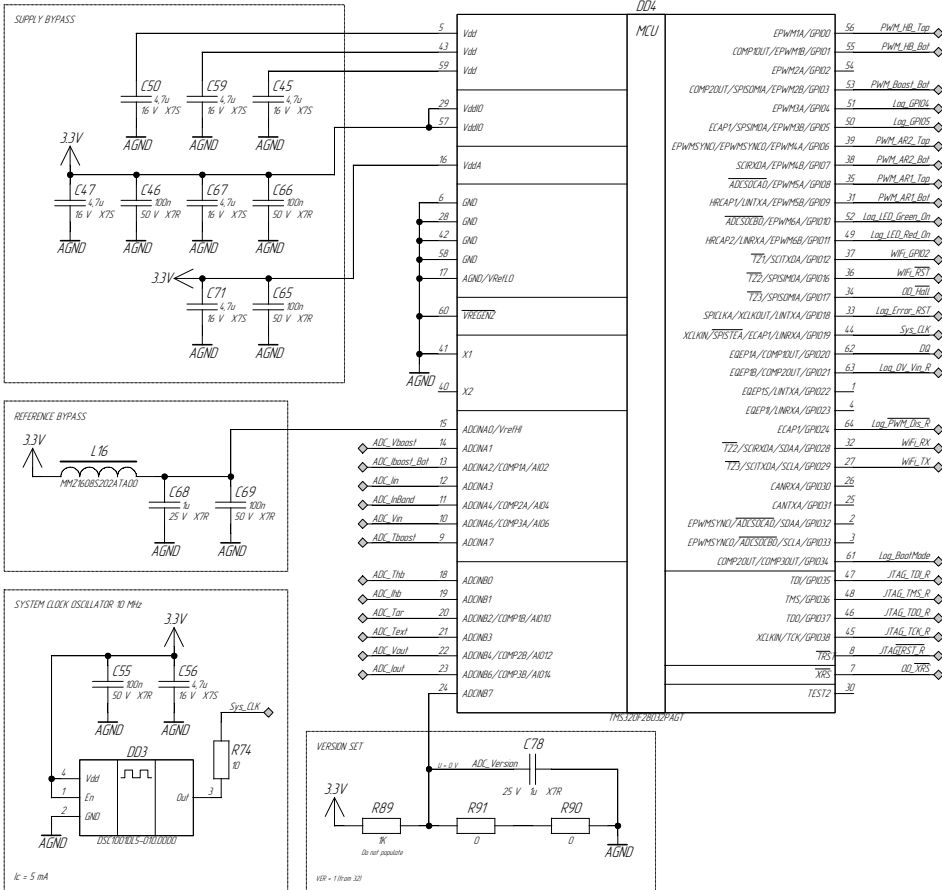
Ver	Ver	IP	Ver	Ver

XXXXX43541100533





MICROCONTROLLER



Ver	Rev	MP design	Package	Notes	