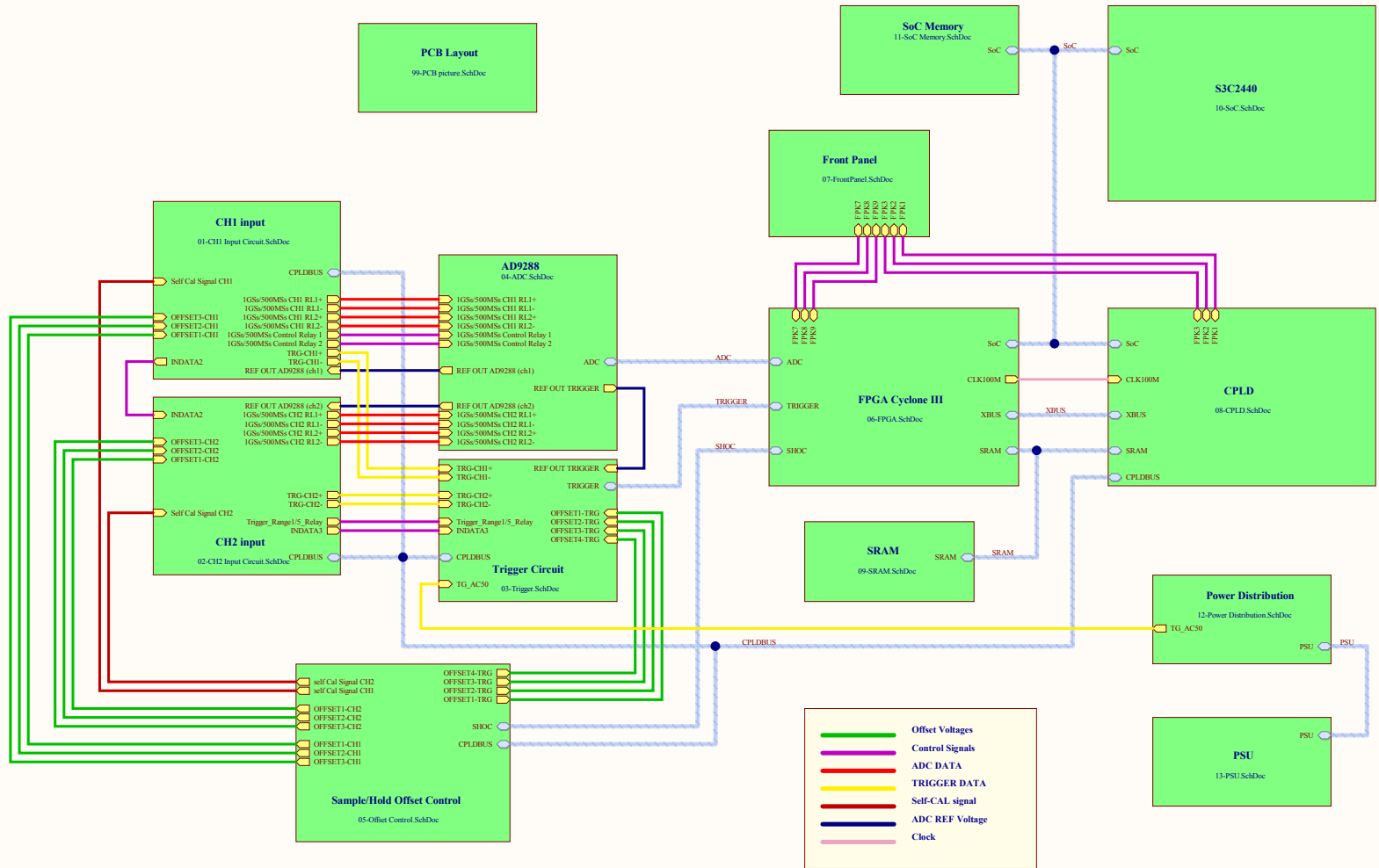
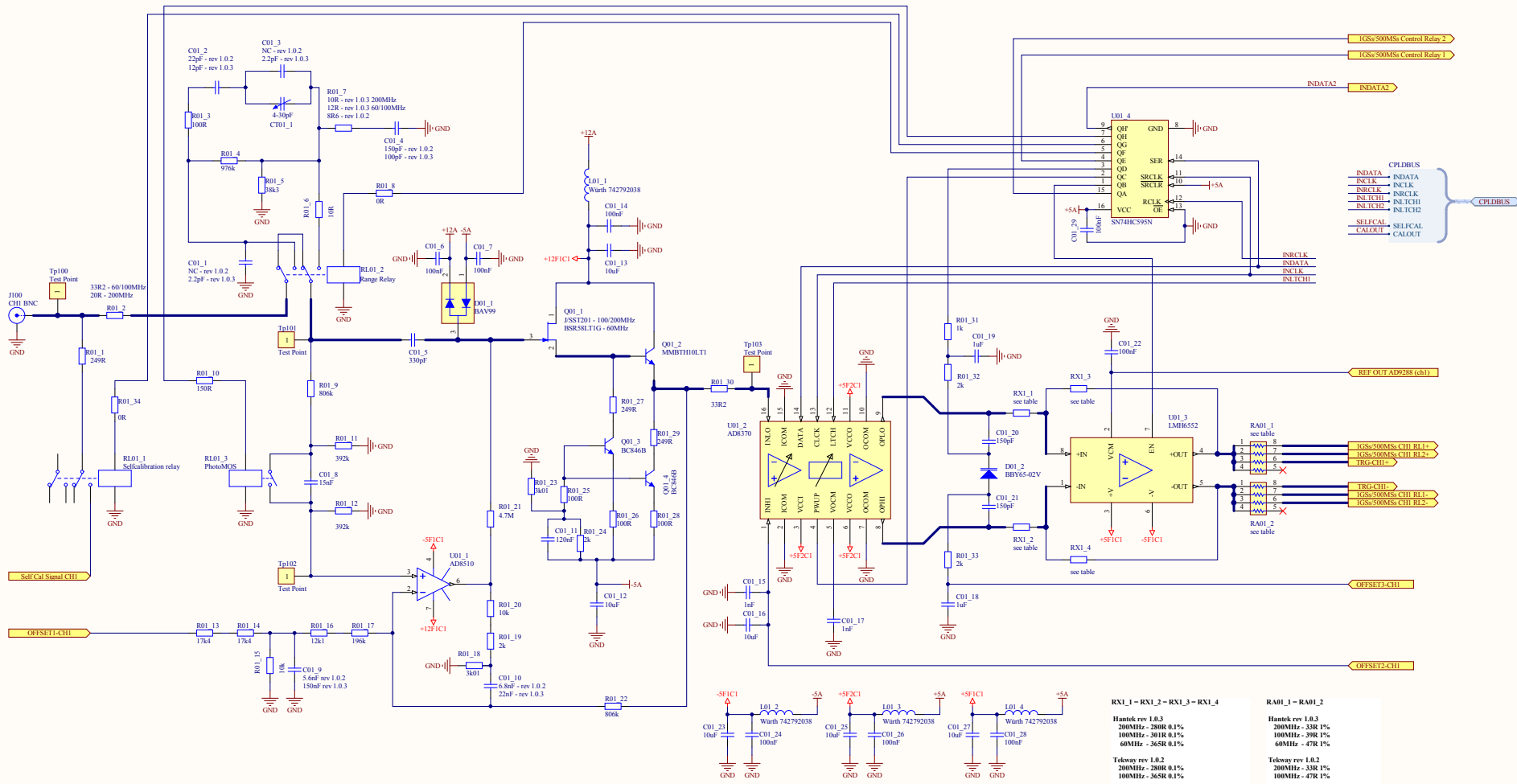


Tekway DST1xxxB DSO rev1.0.2 / 1.0.3
Hantek DSO5xxxM rev1.0.3
Hantek DSO5xxxB rev1.0.3

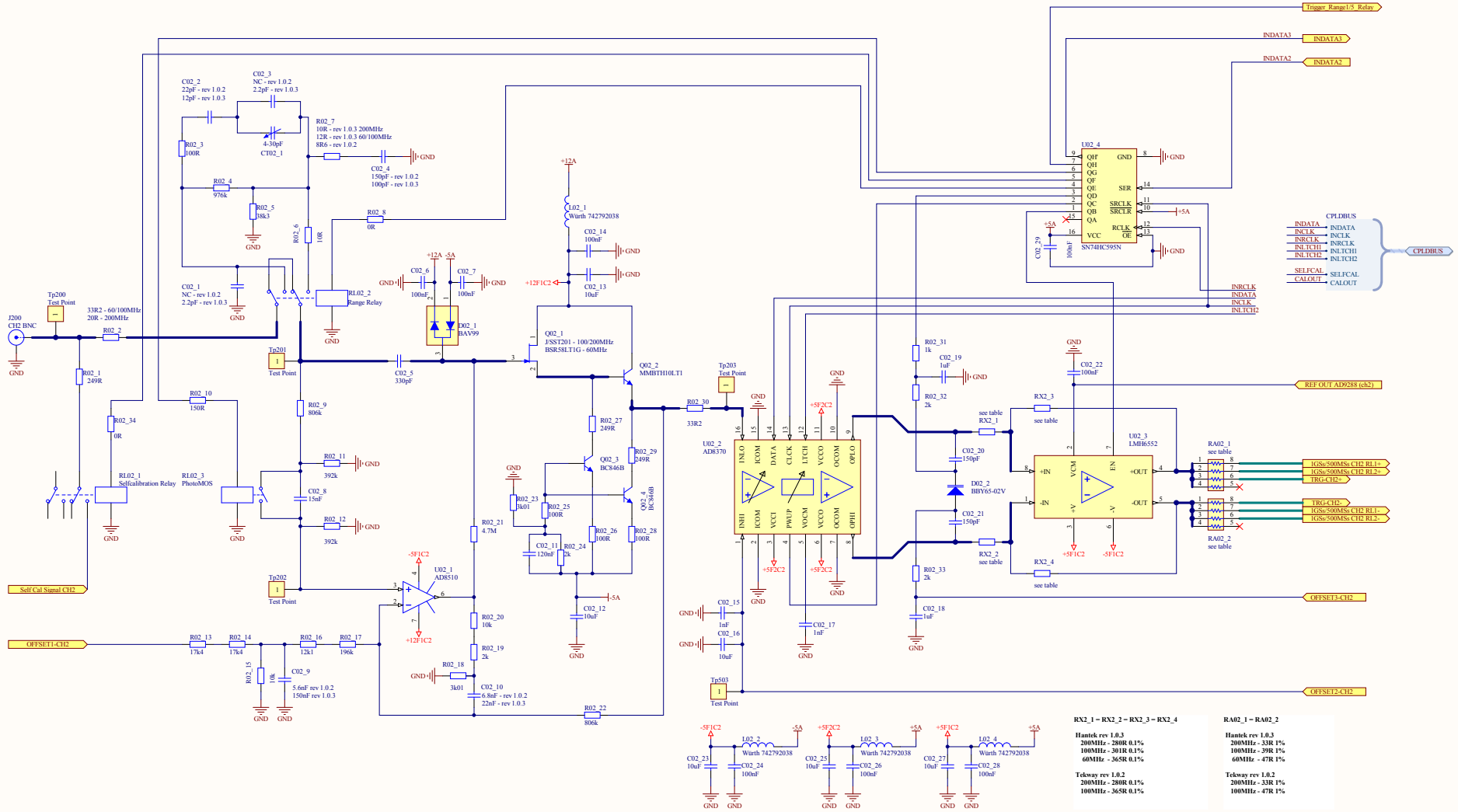


CH1 Input Circuit

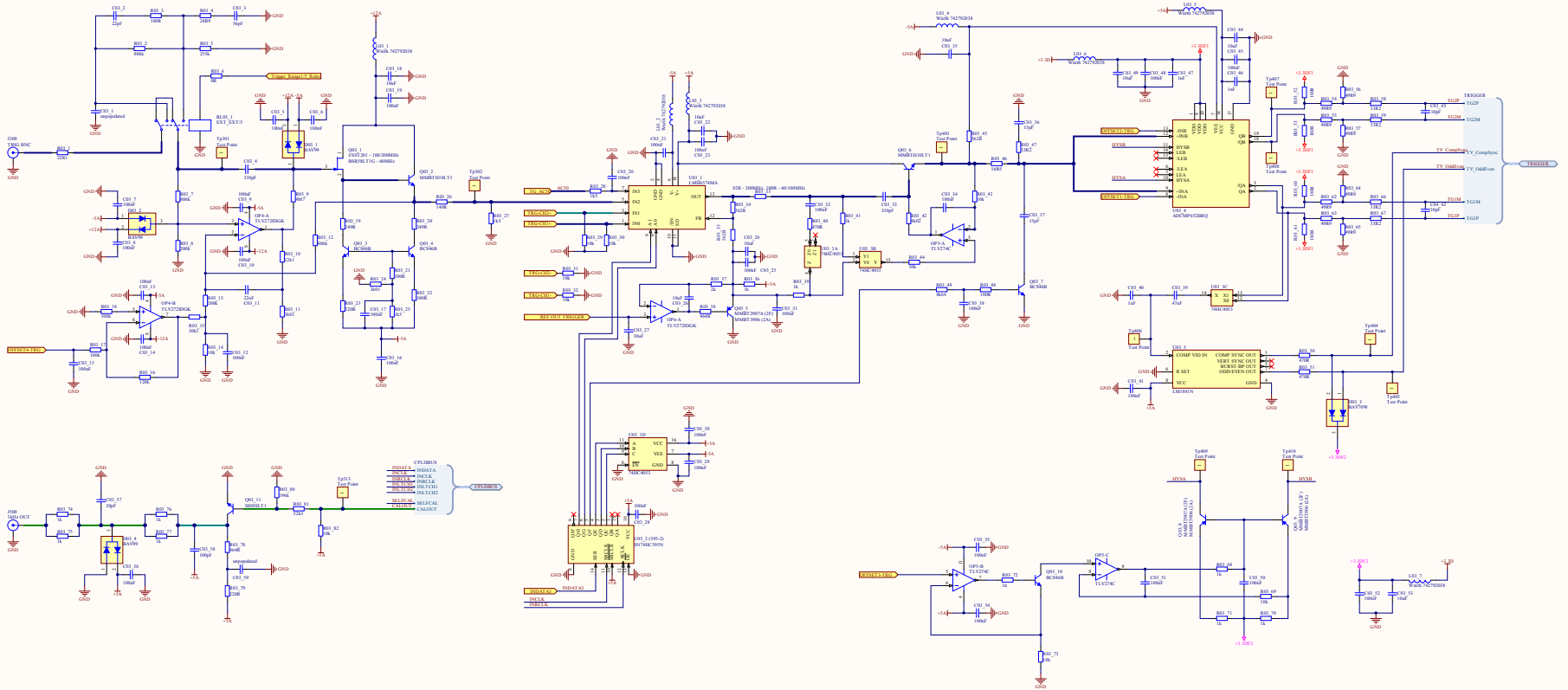


RX1_1 - RX1_2 - RX1_3 - RX1_4	RA01_1 - RA01_2
Hantek rev 1.0.3	Hantek rev 1.0.3
200MHz - 280R 0.1%	200MHz - 33R 1%
100MHz - 301R 0.1%	100MHz - 39R 1%
60MHz - 365R 0.1%	60MHz - 47R 1%
Tekway rev 1.0.2	Tekway rev 1.0.2
200MHz - 280R 0.1%	200MHz - 33R 1%
100MHz - 365R 0.1%	100MHz - 47R 1%

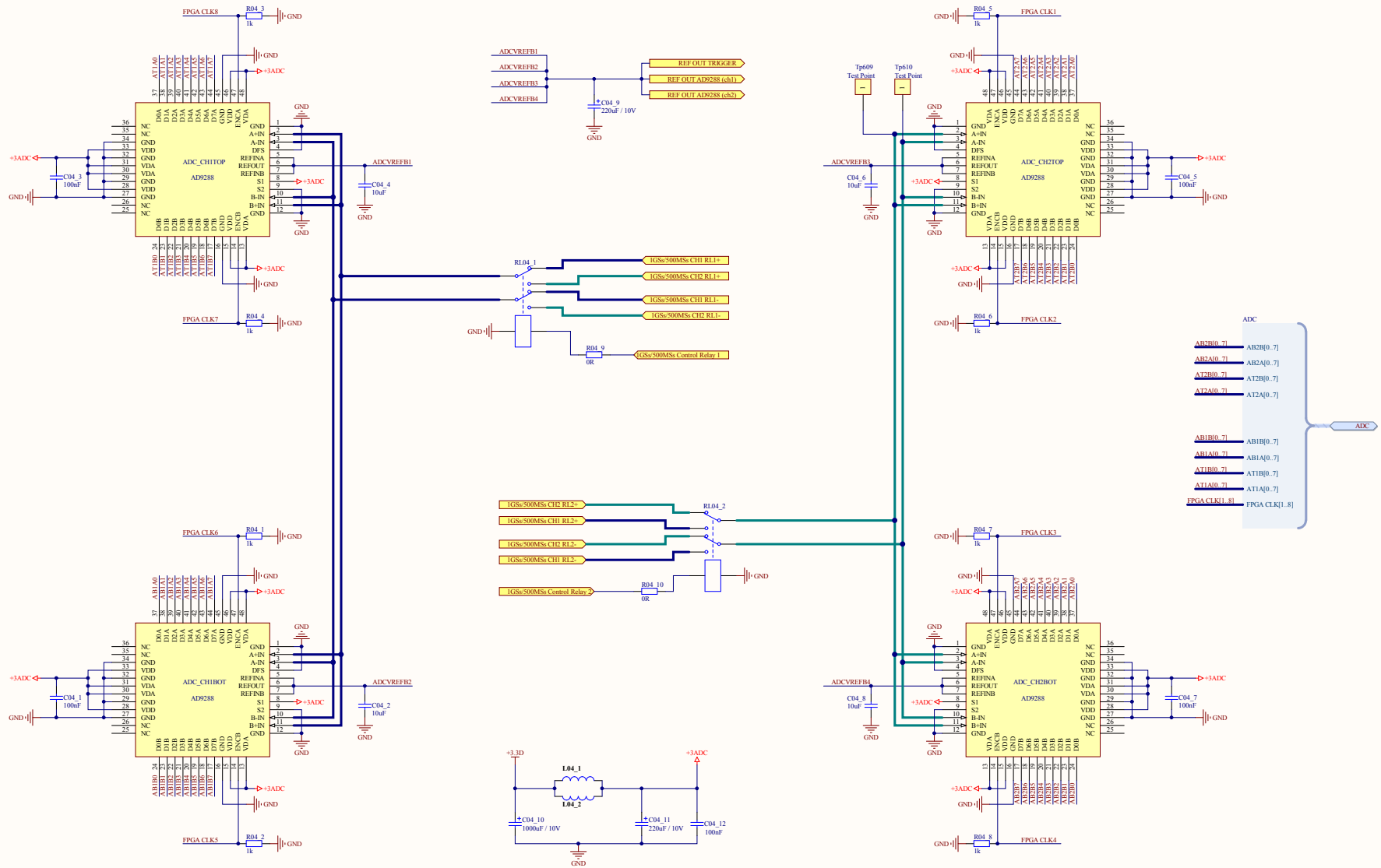
CH2 Input Circuit



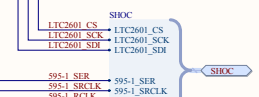
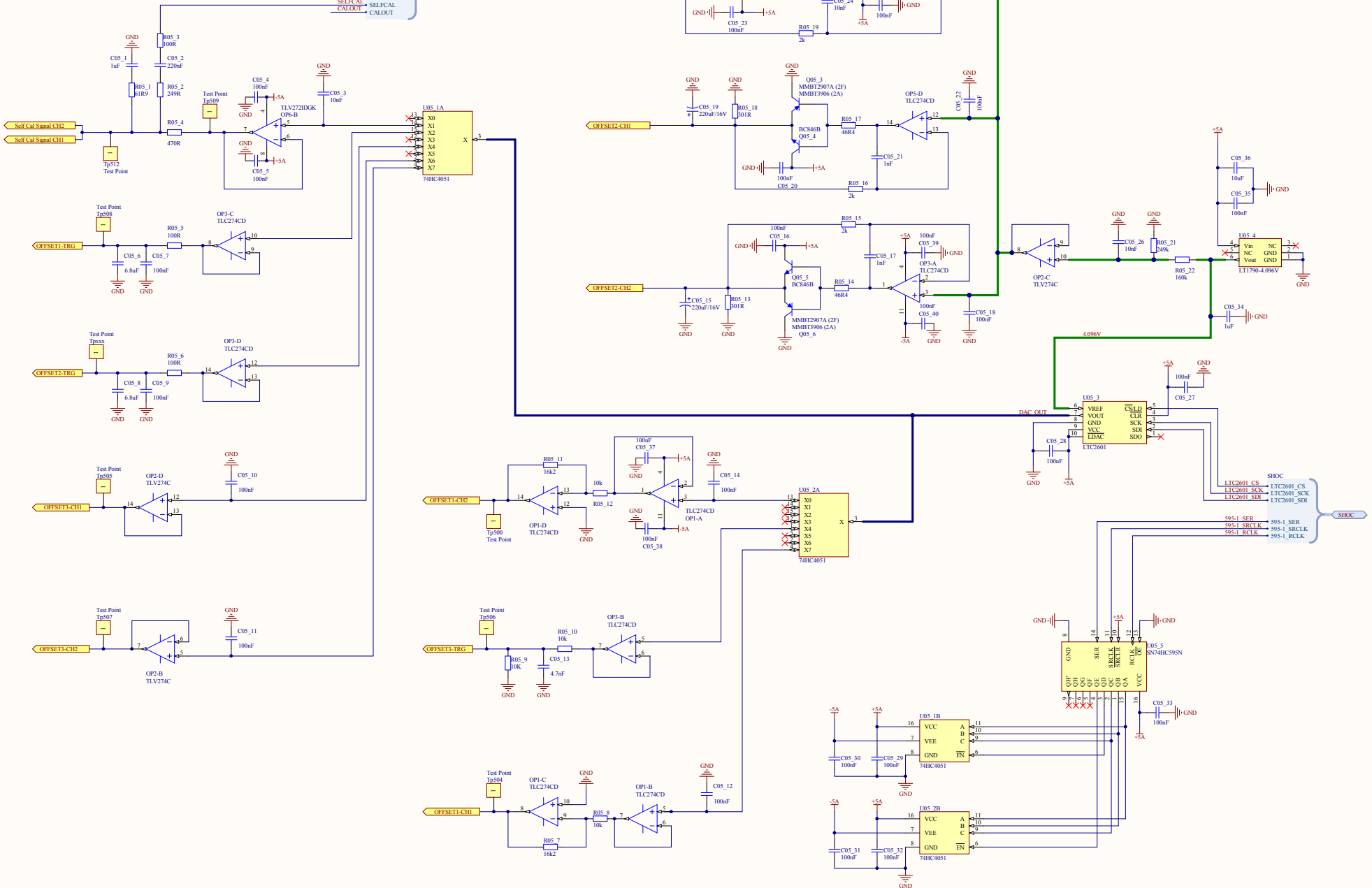
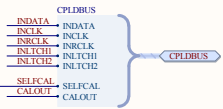
Trigger Circuit



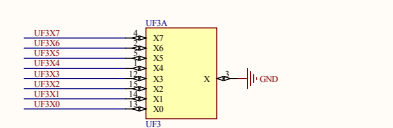
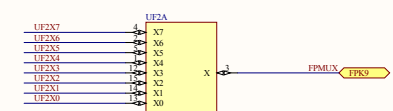
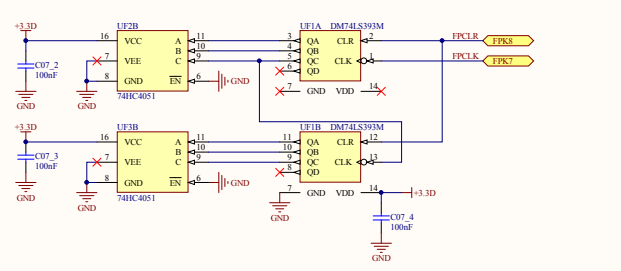
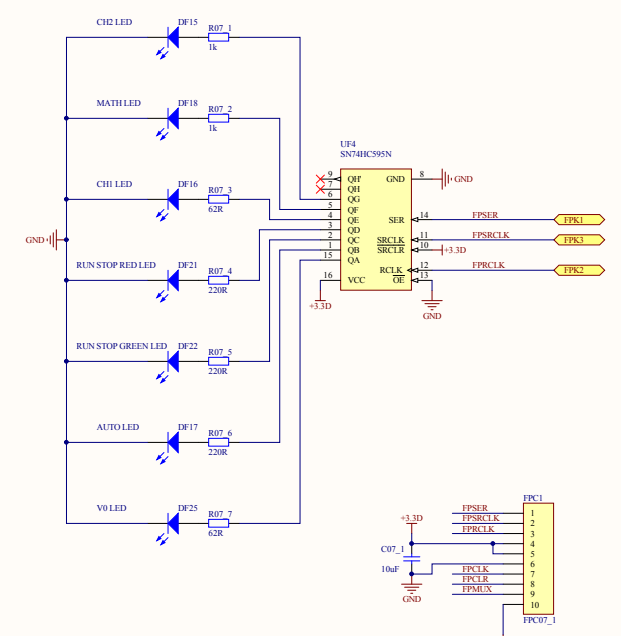
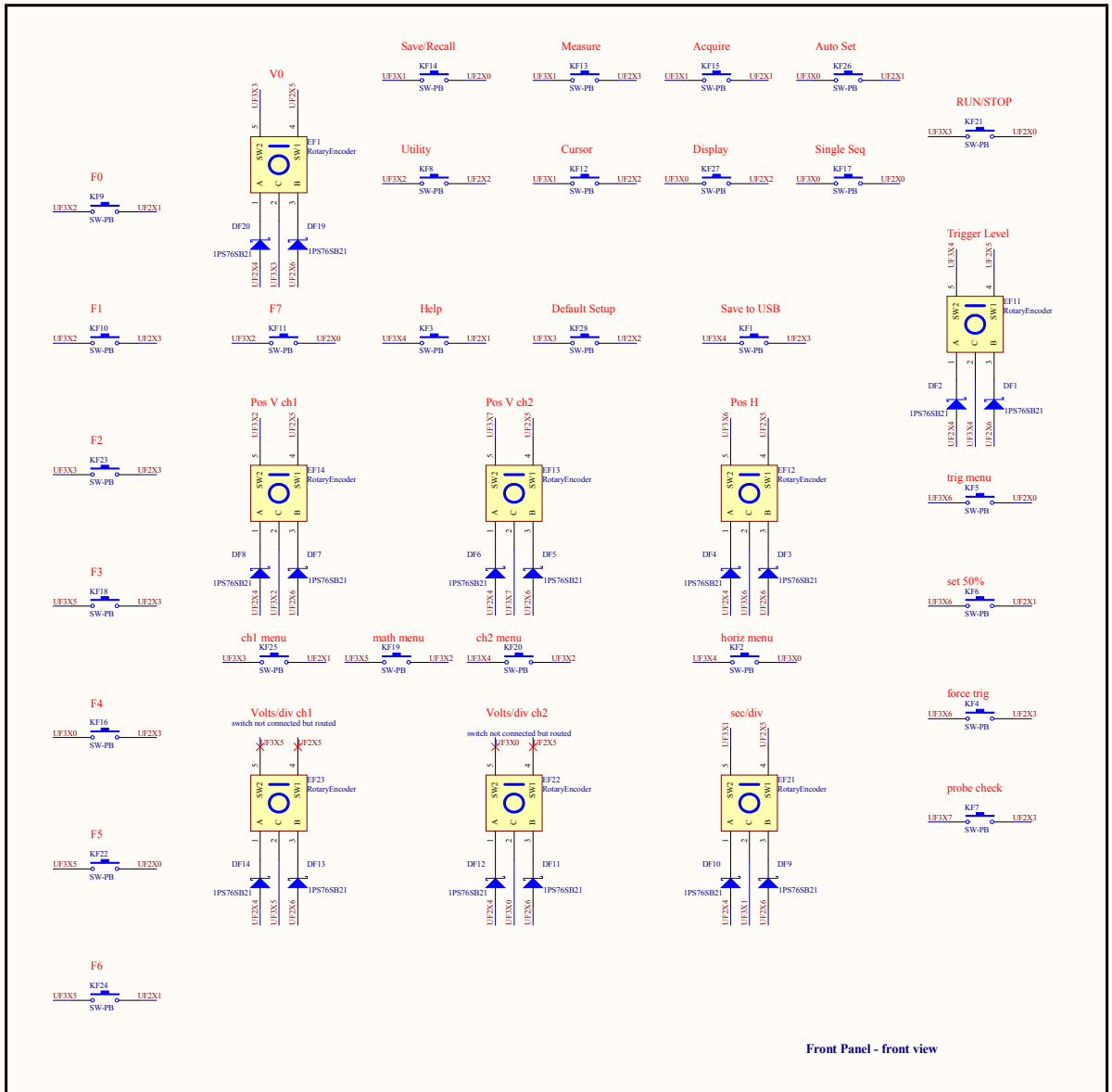
ADC Circuit



Sample/Hold Offset Control

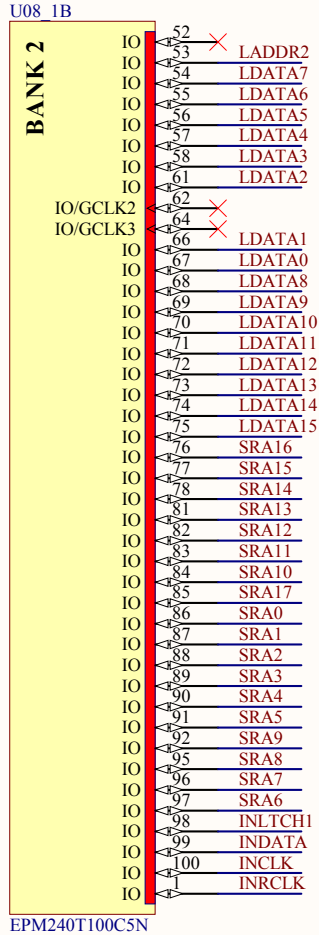


Front Panel Circuit



CPLD Circuit

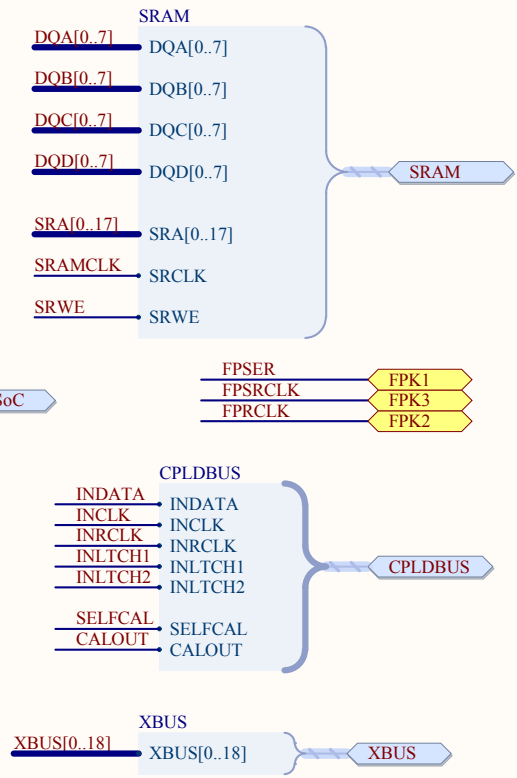
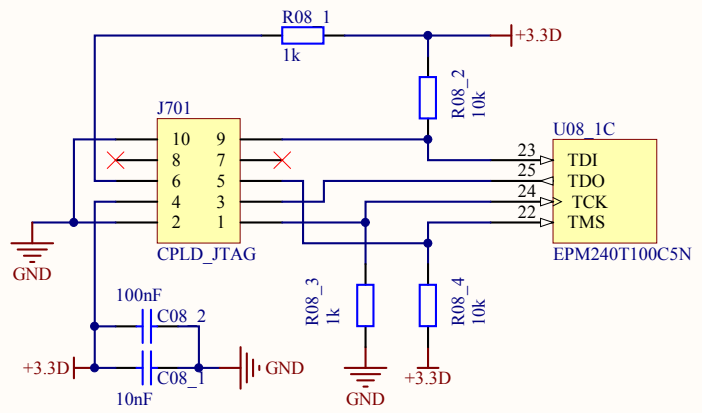
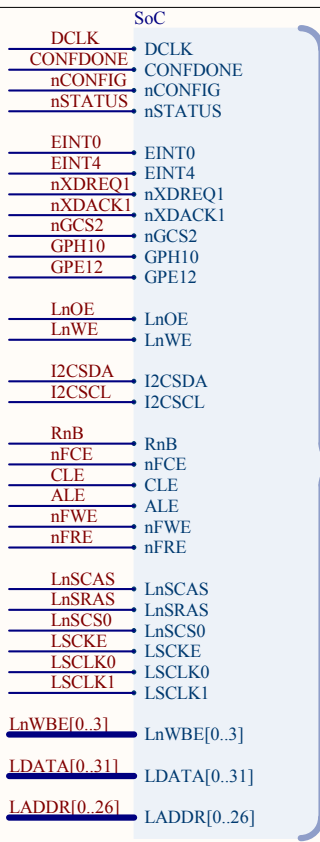
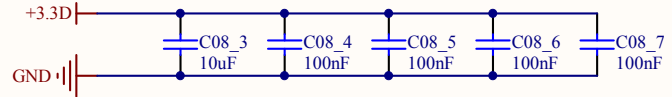
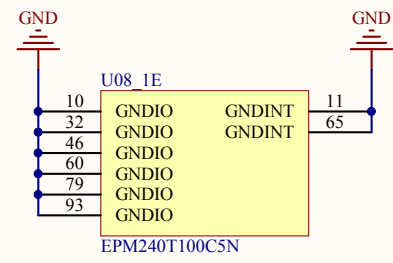
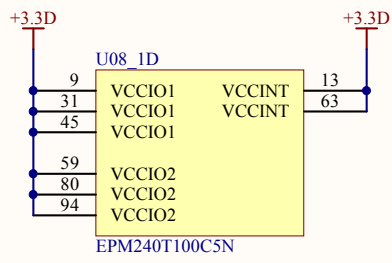
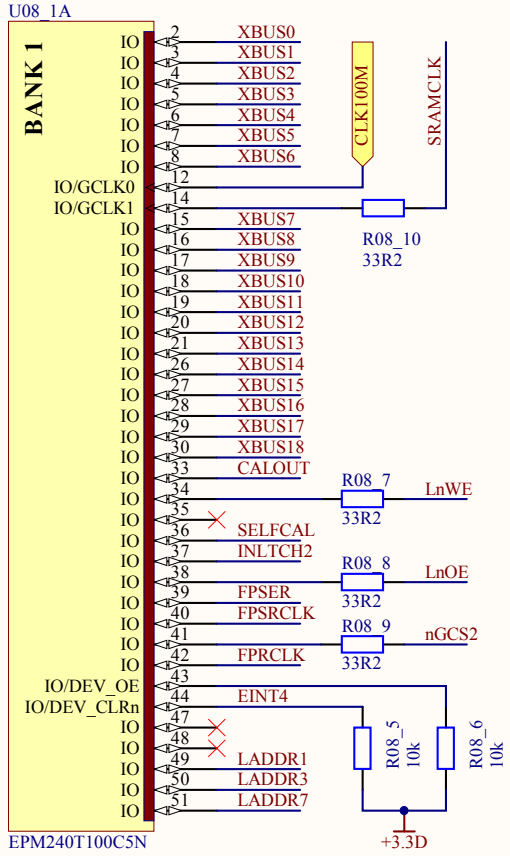
A



B

C

D



A

B

C

D

SoC Memory Circuit

A

A

B

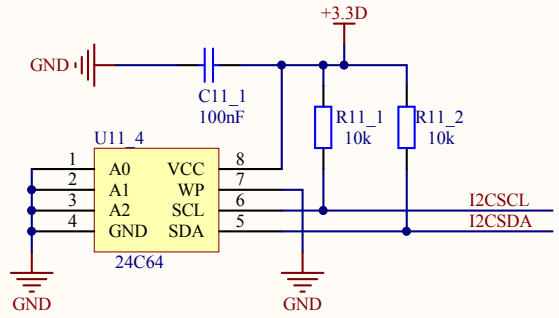
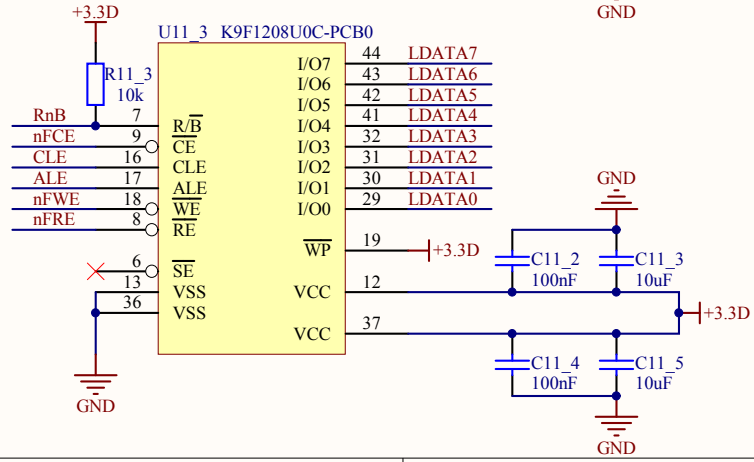
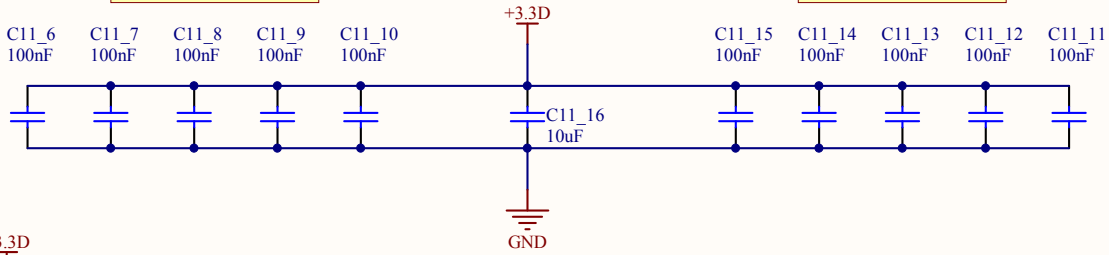
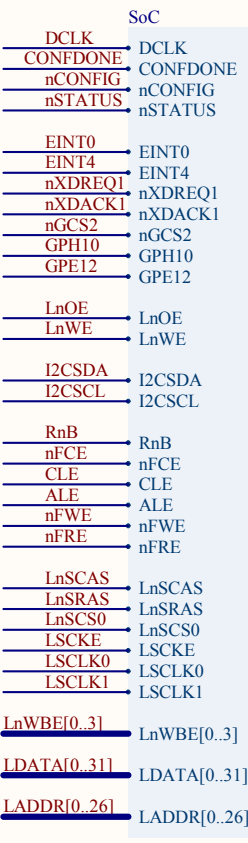
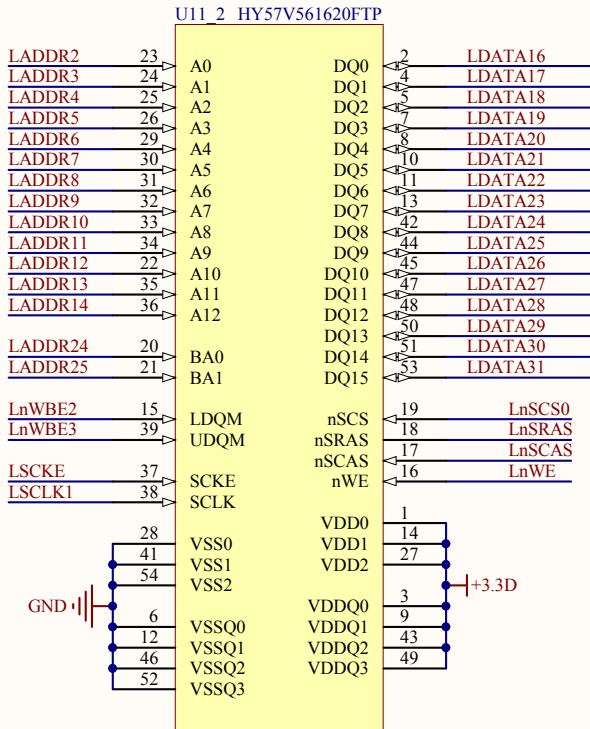
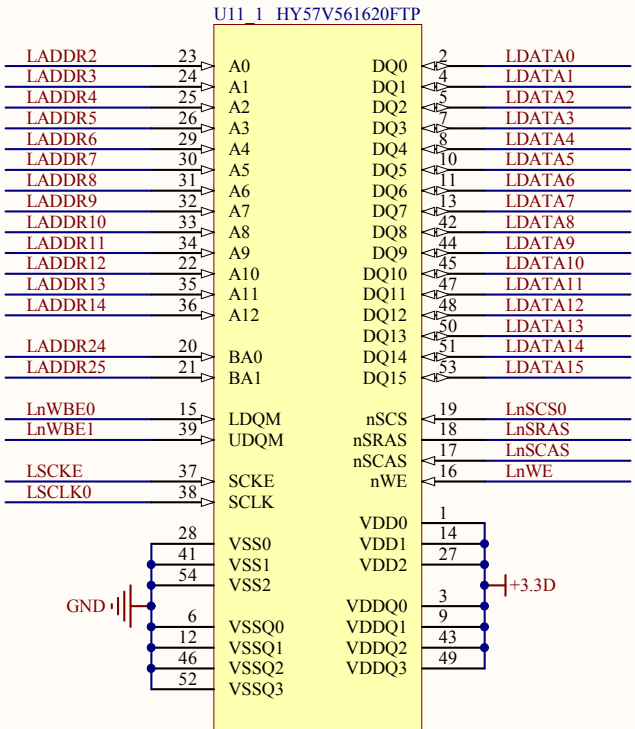
B

C

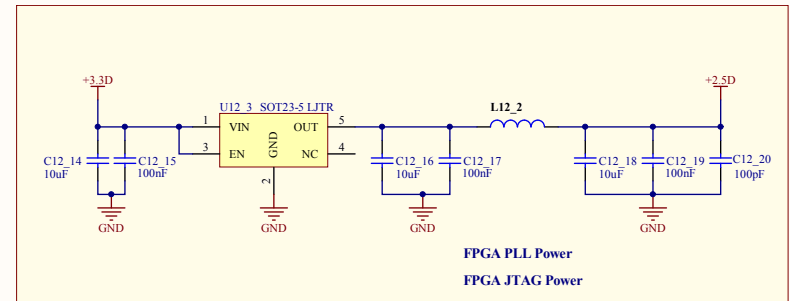
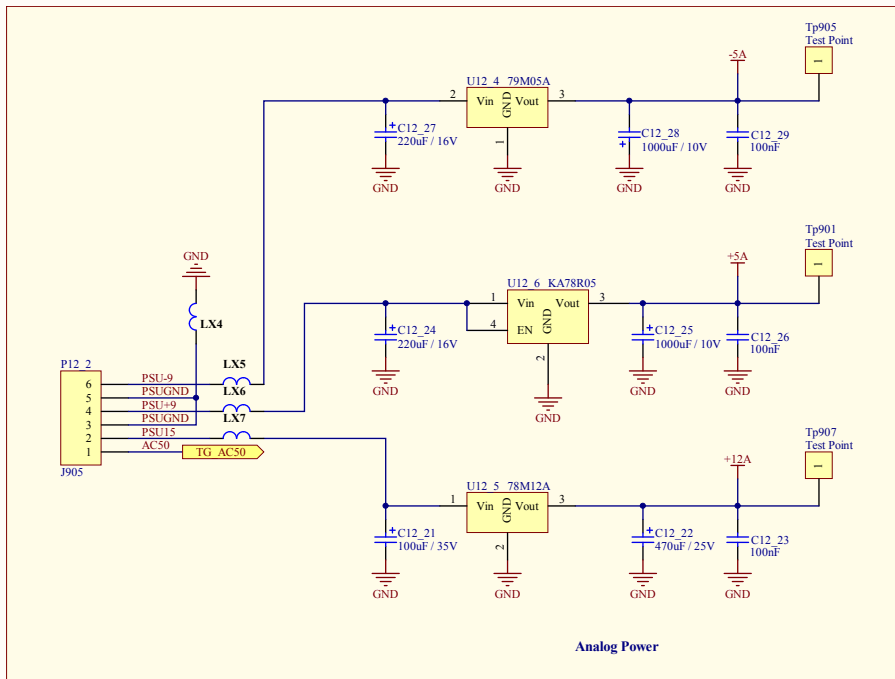
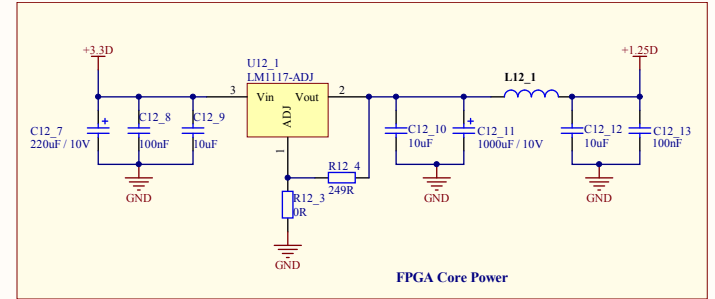
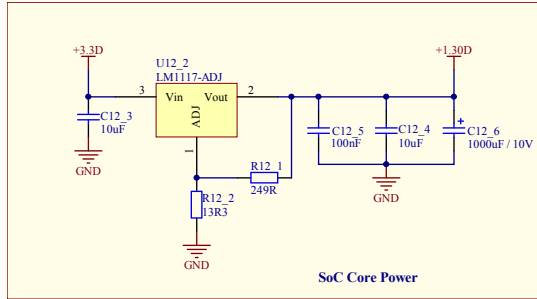
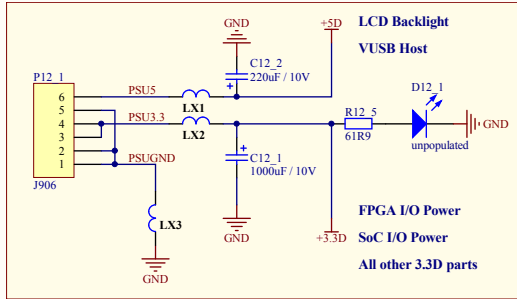
C

D

D

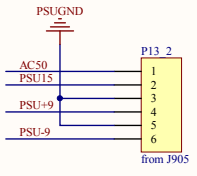
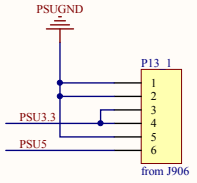
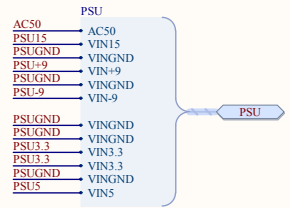
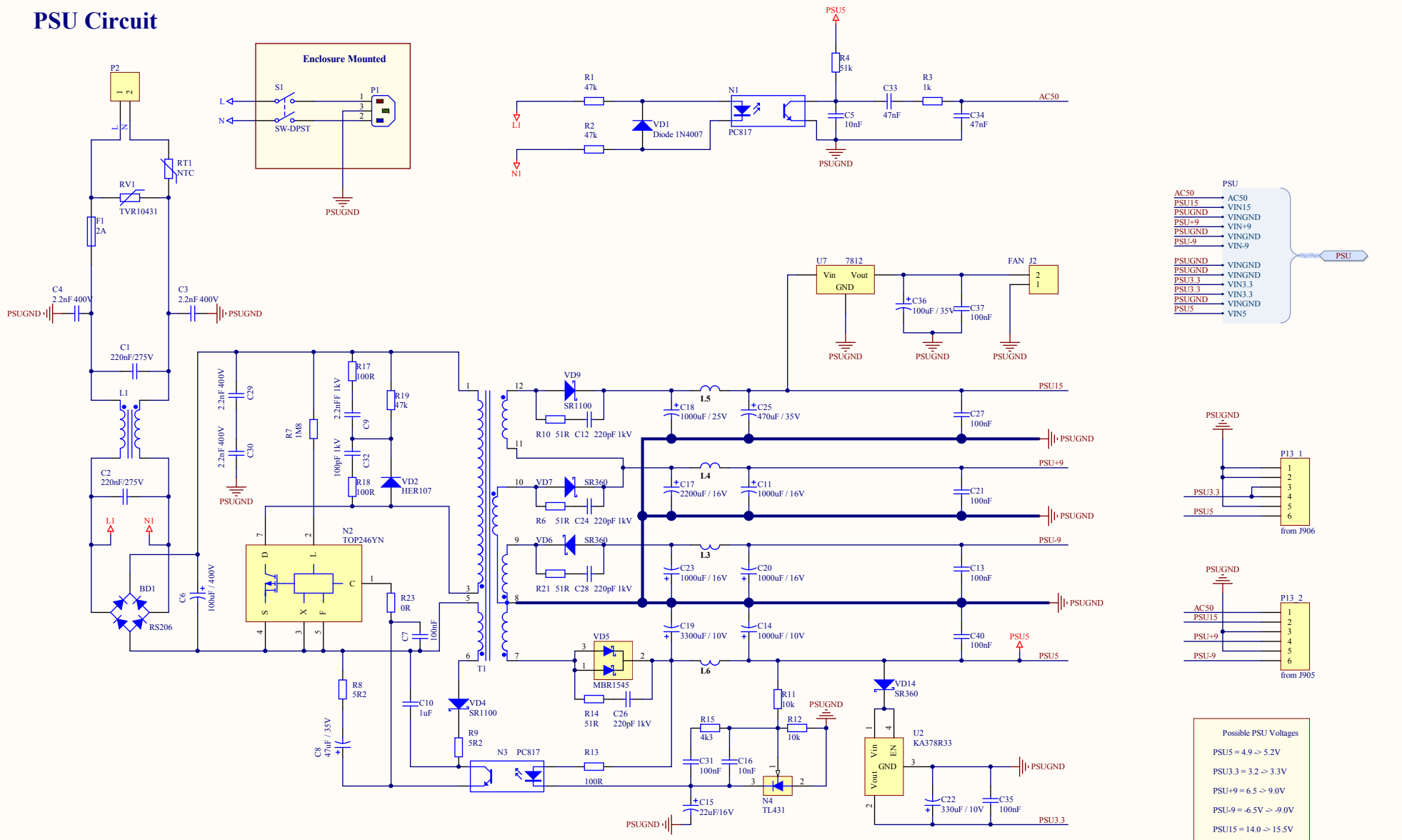


Power Distribution Circuit



PSU	
VIN5	PSU5
VINGND	PSUGND
VIN3.3	PSU3.3
VIN3.3	PSU3.3
VINGND	PSUGND
VINGND	PSUGND
VIN+9	PSU+9
VINGND	PSUGND
VIN+9	PSU+9
VINGND	PSUGND
VIN15	PSU15
AC50	AC50

PSU Circuit



Possible PSU Voltages	
PSU5 = 4.9 -> 5.2V	
PSU3.3 = 3.2 -> 3.3V	
PSU+9 = 6.5 -> 9.0V	
PSU-9 = -6.5V -> -9.0V	
PSU15 = 14.0 -> 15.5V	

