

GTX1050TI (CG210PL3) Repair Guide

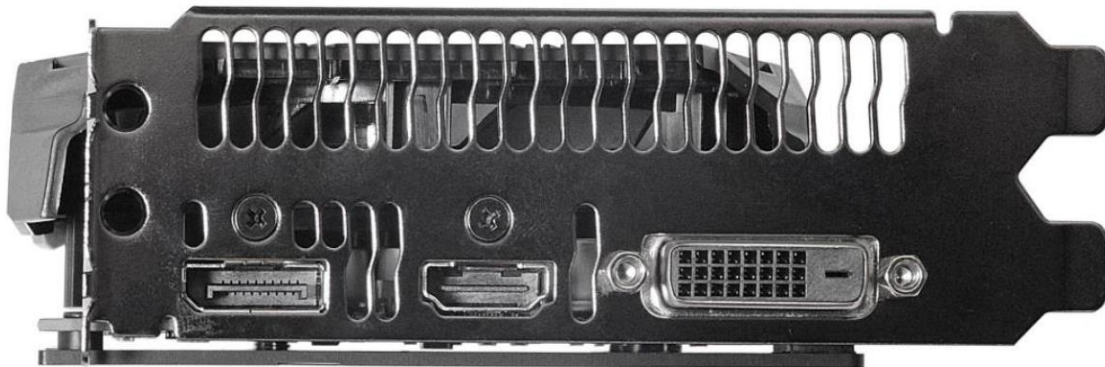
Jonas Gu

Model List

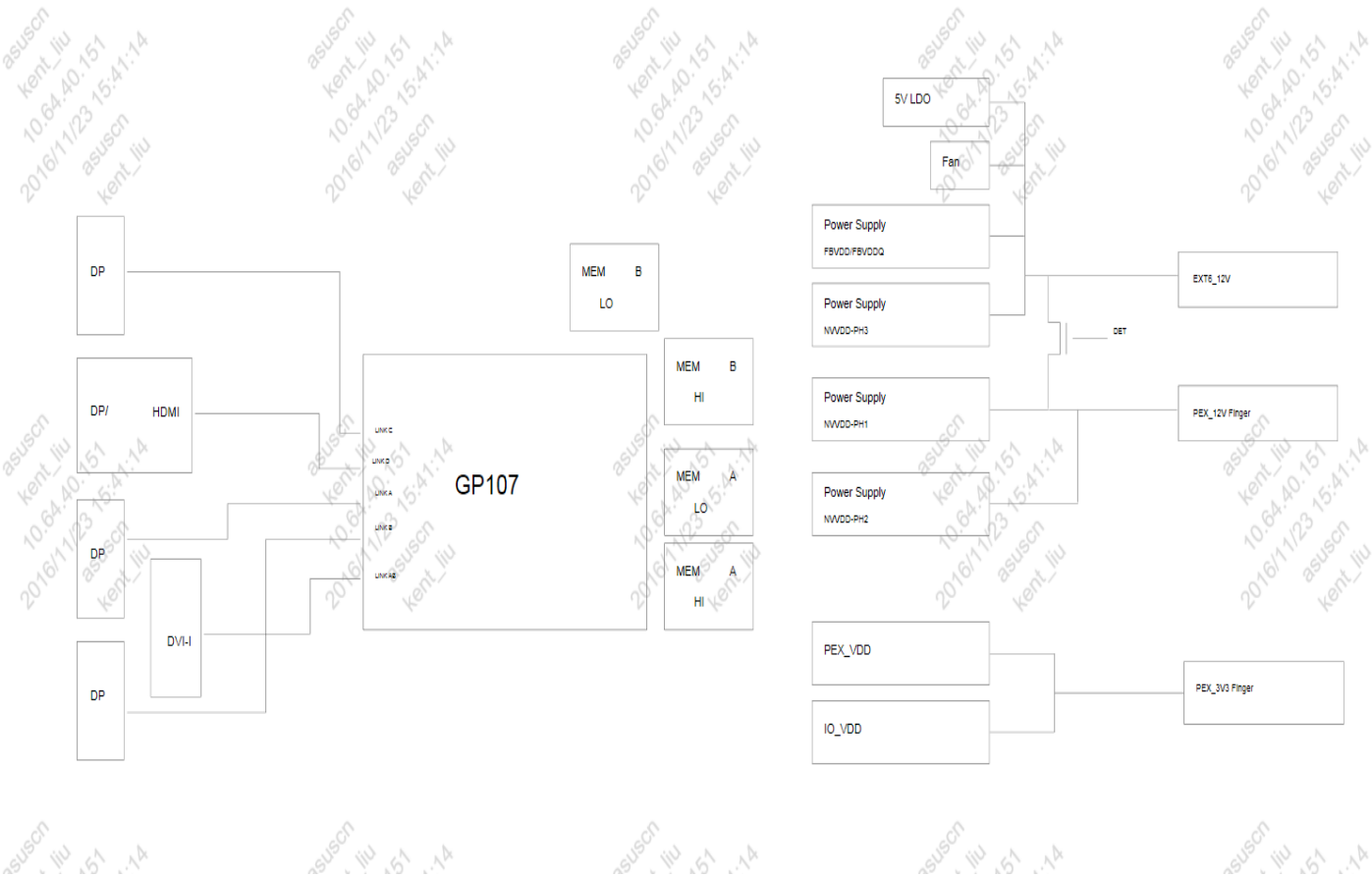
Model name	60PN	GPU	Date
CERBERUS-GTX1050TI-O4G	YV0BB3	CG210PL3	2017/12/11
CERBERUS-GTX1070TI-A4G	YV0BB4	CG210PL3	2017/12/11
CERBERUS-GTX1050-O2G	YV0BA3	CG210PL3	2017/12/19
CERBERUS-GTX1050-A2G	YV0BA4	CG210PL3	2017/12/19

STANDARD APPEARANCE

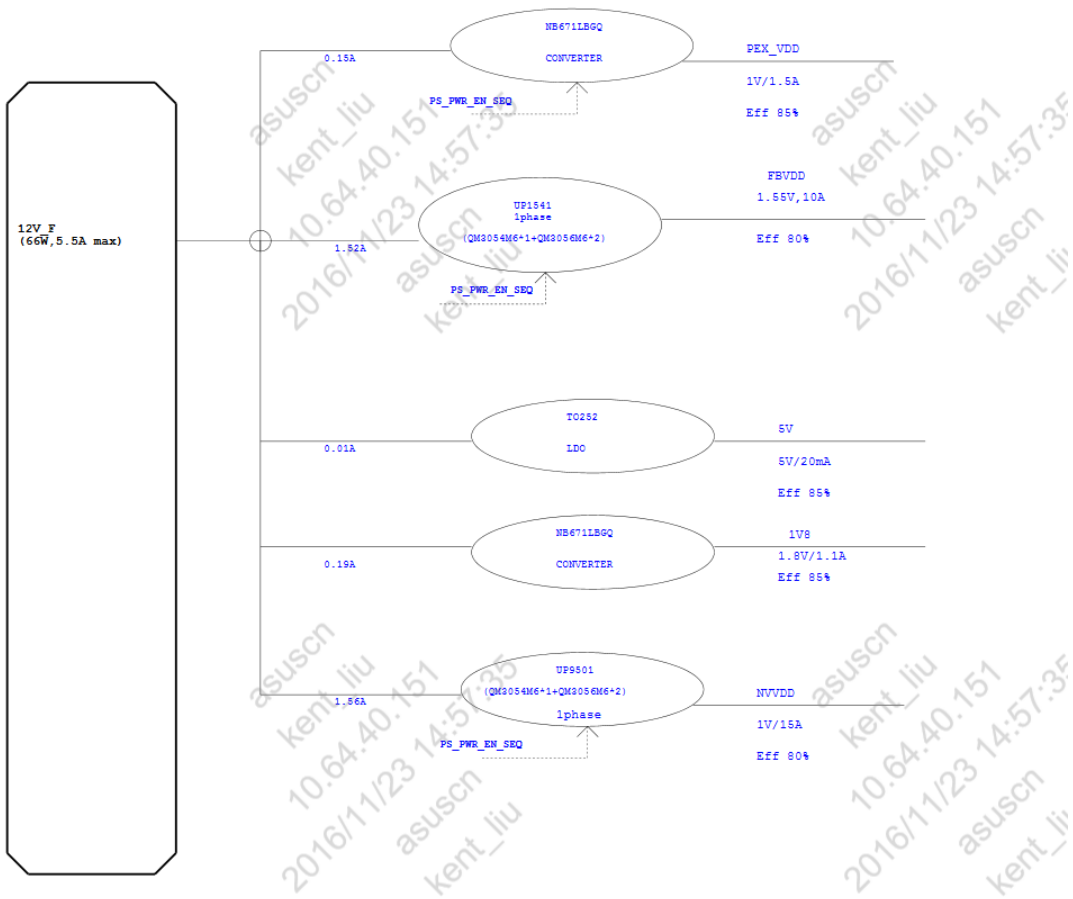
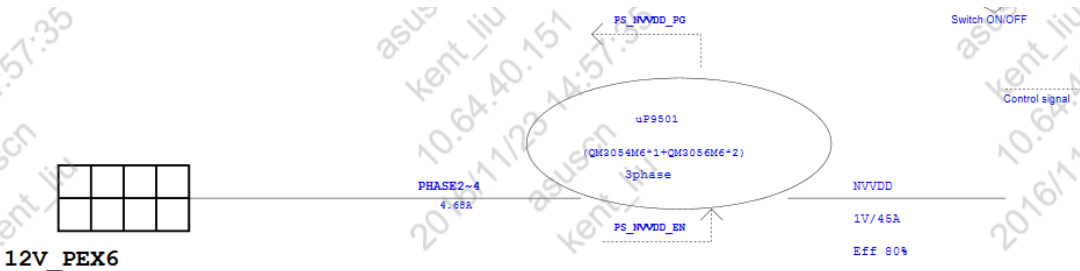




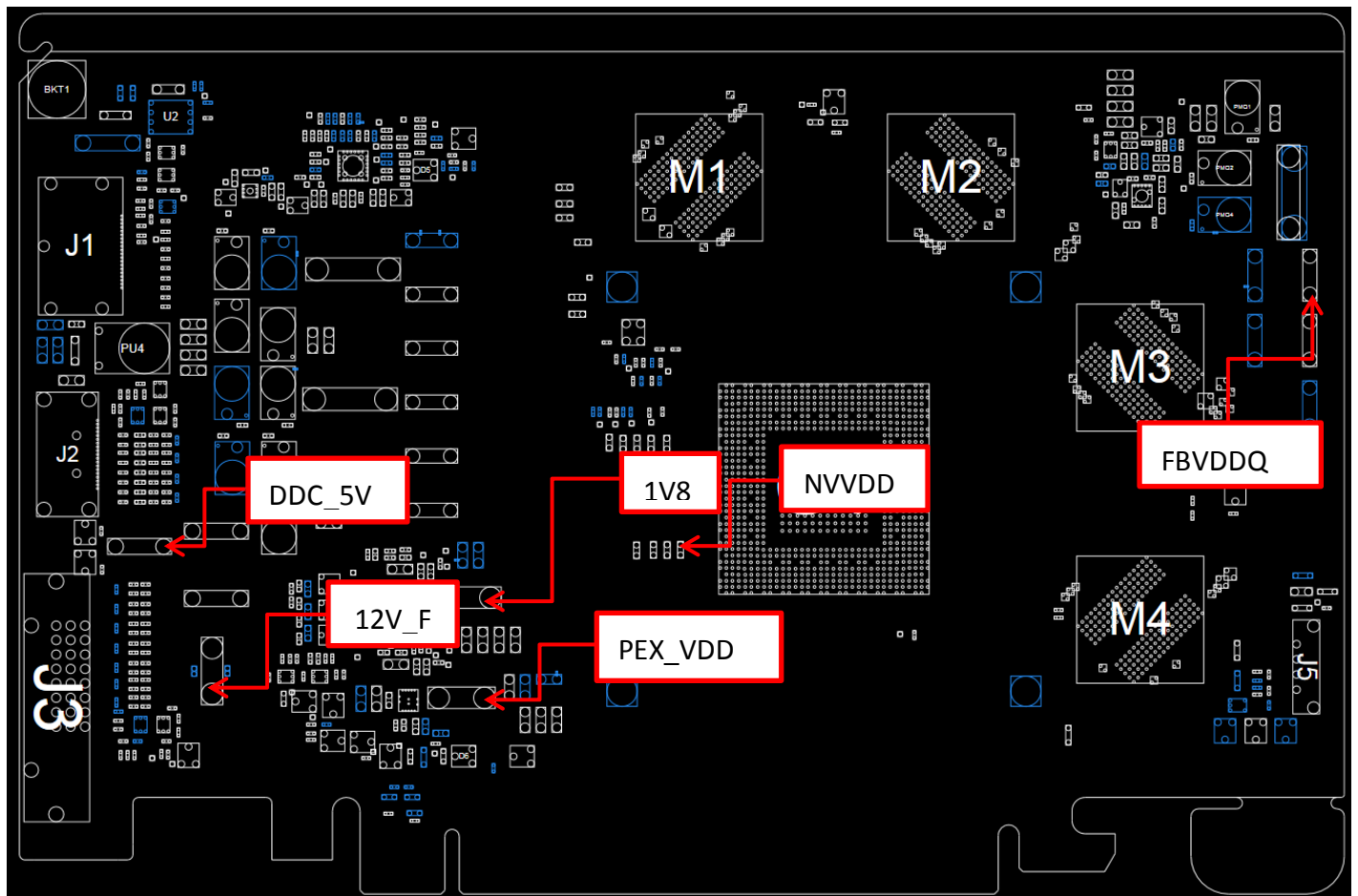
BLOCK DIAGRAM



POWER FLOW

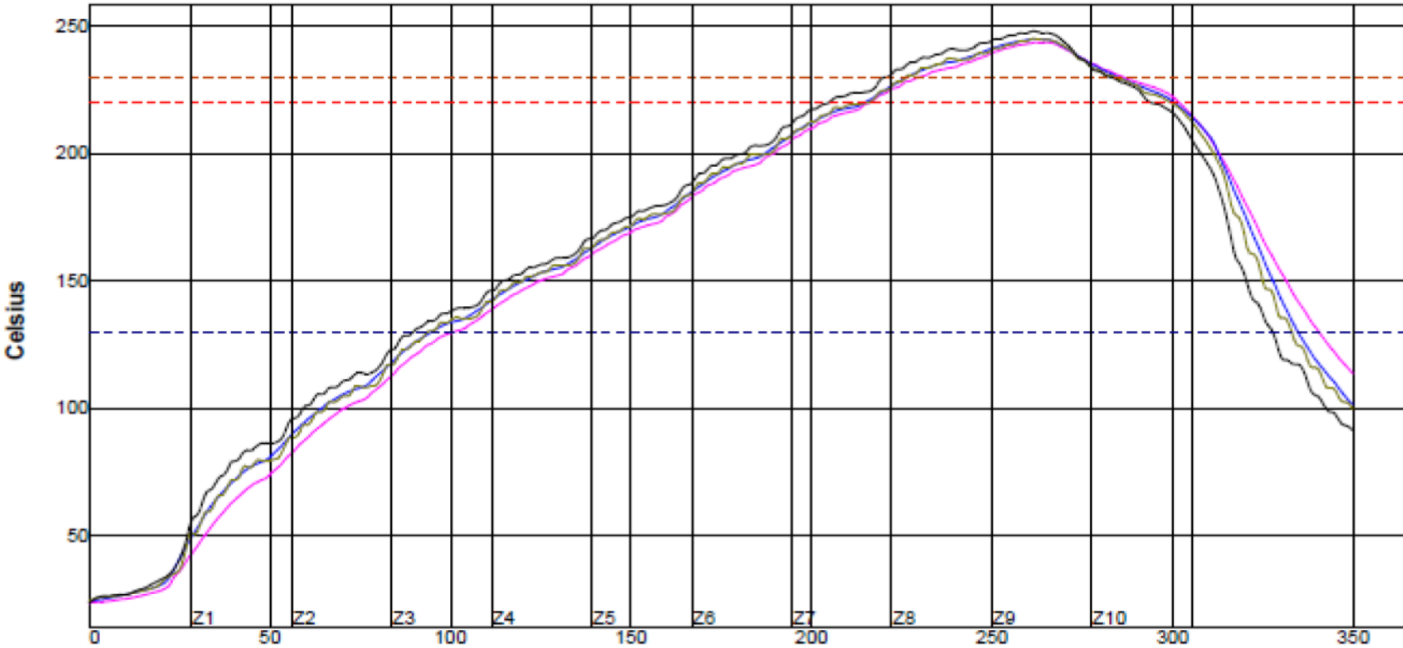


VOLTAGE MEASURE POINT



BGA REFLOW PROFILE

Setpoints (Celsius)										
Zone	1	2	3	4	5	6	7	8	9	10
Top	100	125	150	170	190	215	235	250	255	200
Bottom	100	125	150	170	190	215	235	250	255	200
Conveyor Speed (inch/min): 26.00										



PWI= 86%	Max Rising Slope		Max Falling Slope		Preheat 130-220C		Reflow Time /220C		Peak Temp		Tot Time /230C	
U4 CEN - 1	1.80	-28%	-2.88	18%	115.35	71%	86.97	84%	243.84	38%	67.38	43%
M2 - 1	2.07	-17%	-3.28	-13%	120.00	78%	86.84	83%	245.08	51%	68.78	47%
J7 - 2	2.15	-14%	-3.41	-21%	121.51	80%	84.73	78%	245.34	53%	68.12	46%
L7 - 2	2.35	-8%	-3.75	-38%	115.18	71%	88.37	85%	248.28	83%	89.38	58%
Delta	0.55		1.08		6.35		4.85		4.44		8.00	