GTX1060 (CG411P4) Repair Guide

KENT 12/9

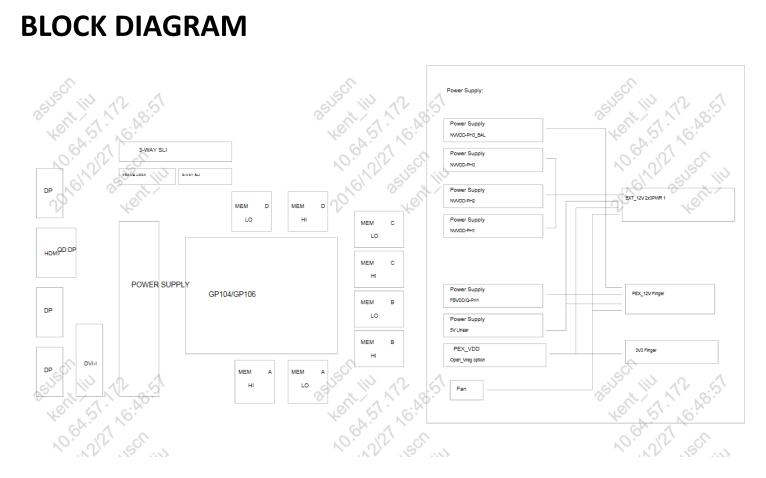
1. STANDARD APPEARANCE TURBO-GTX1060-6G



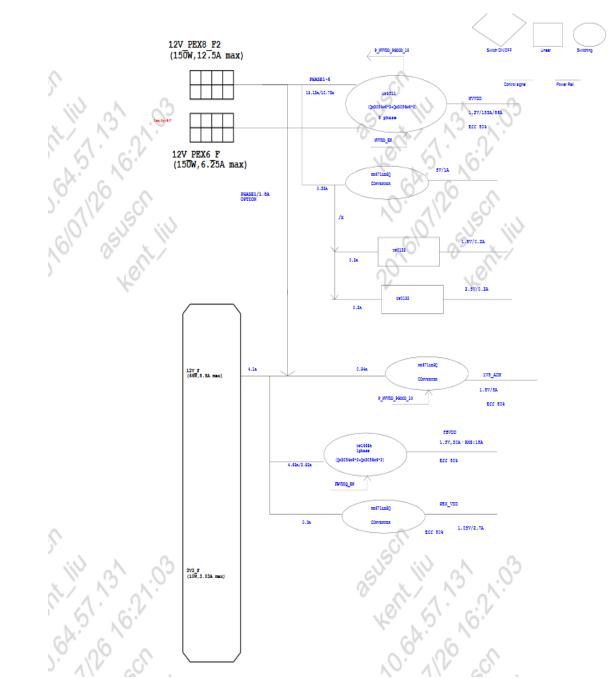




BLOCK DIAGRAM



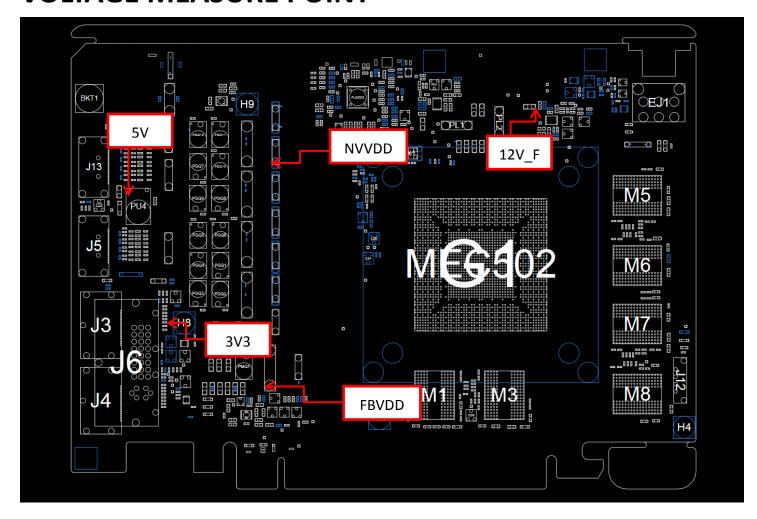
POWER FLOW



I (max)<15A, Iocp=3*I (max)
15A:I (max)<50A, Iocp=2.5*I (max)
50A:I (max)<60A, Iocp=2*I (max)
80A:I (max), Iocp=1.5*I (max)

select in

VOLTAGE MEASURE POINT



BGA REFLOW PROFILE

Setpoints (Ce	isius		-				_			
Zone	1	2	3	4	5	6	7	8	9	10
Тор	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= 95%	Max Rising Slope		Max Falling Slope		Preheat 130-220C		Reflow Time /220C		Peak Temp		Tot Time /230C	
U4 CEN - 1	1.80	-28%	-2.69	10%	116.36	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	61%	68.78	47%
J7 - 2	2.15	-14%	-3.41	-21%	121.51	80%	84.73	78%	245.34	53%	68.12	46%
17-2	2.35	-8%	-3.76	-38%	115.18	71%	89.37	96%	248.28	83%	63,36	68%
Delta	0.66	107/4/47/	1.06	V618/201	8.35	140.004	4.85	1.3380201	4,44	110000	8.00	123302