

ROG-STRIX-GTX1660S-A6G-GAMING (CG161PIS2)

Repair Guide

Model List

Model name	60PN	GPU	Date
ROG-STRIX-GTX1660S-A6G-GAMING	60YV0DW1	CG161PIS2	2020/01/07

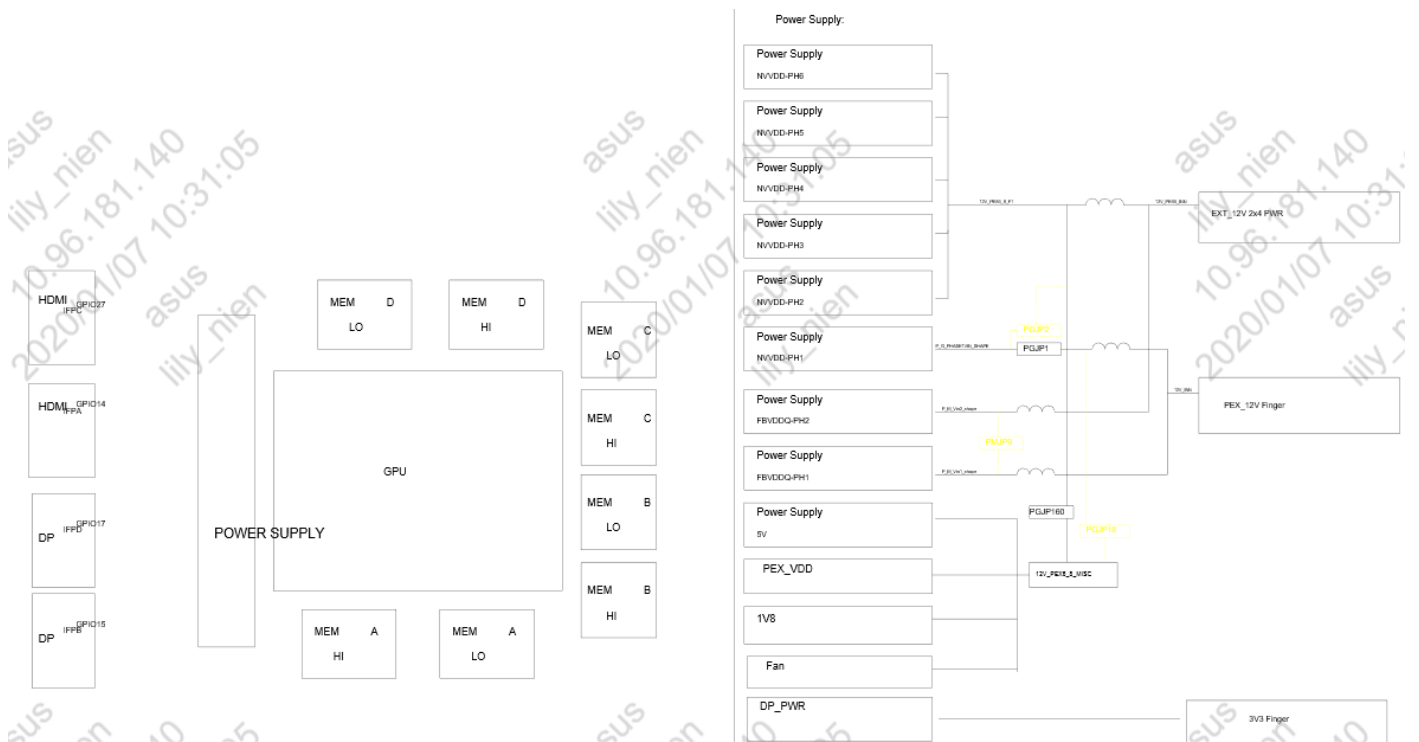
STANDARD APPEARANCE

ROG-STRIX-GTX1660S-A6G-GAMING



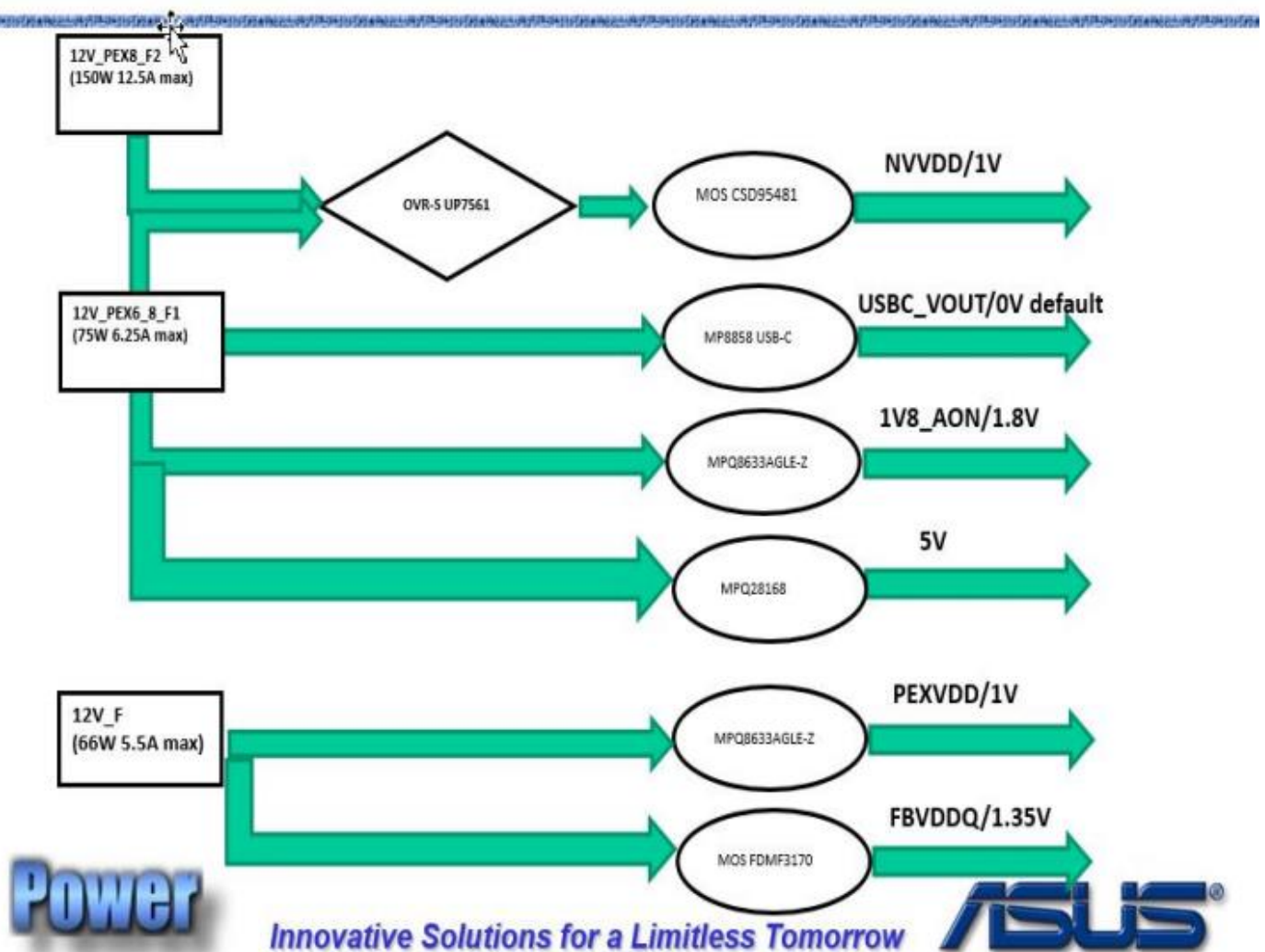


BLOCK DIAGRAM

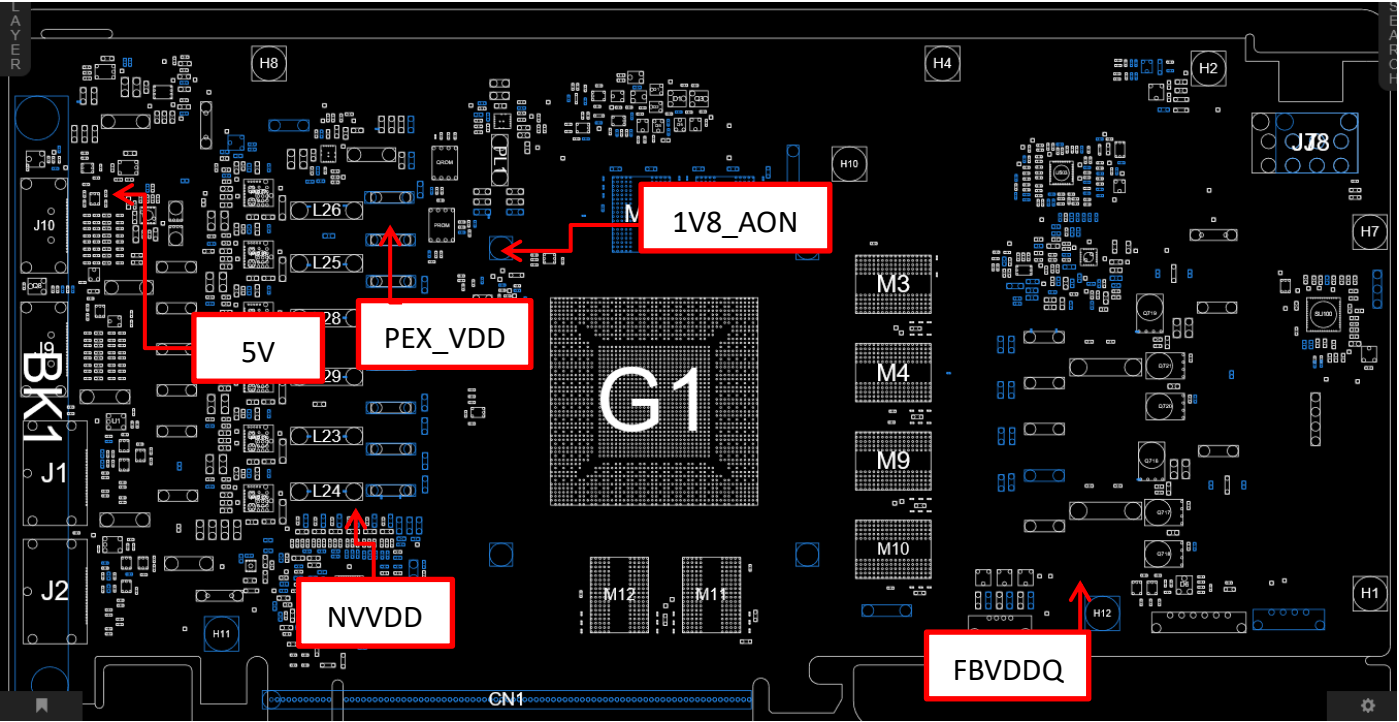


POWER FLOW

— Power flow

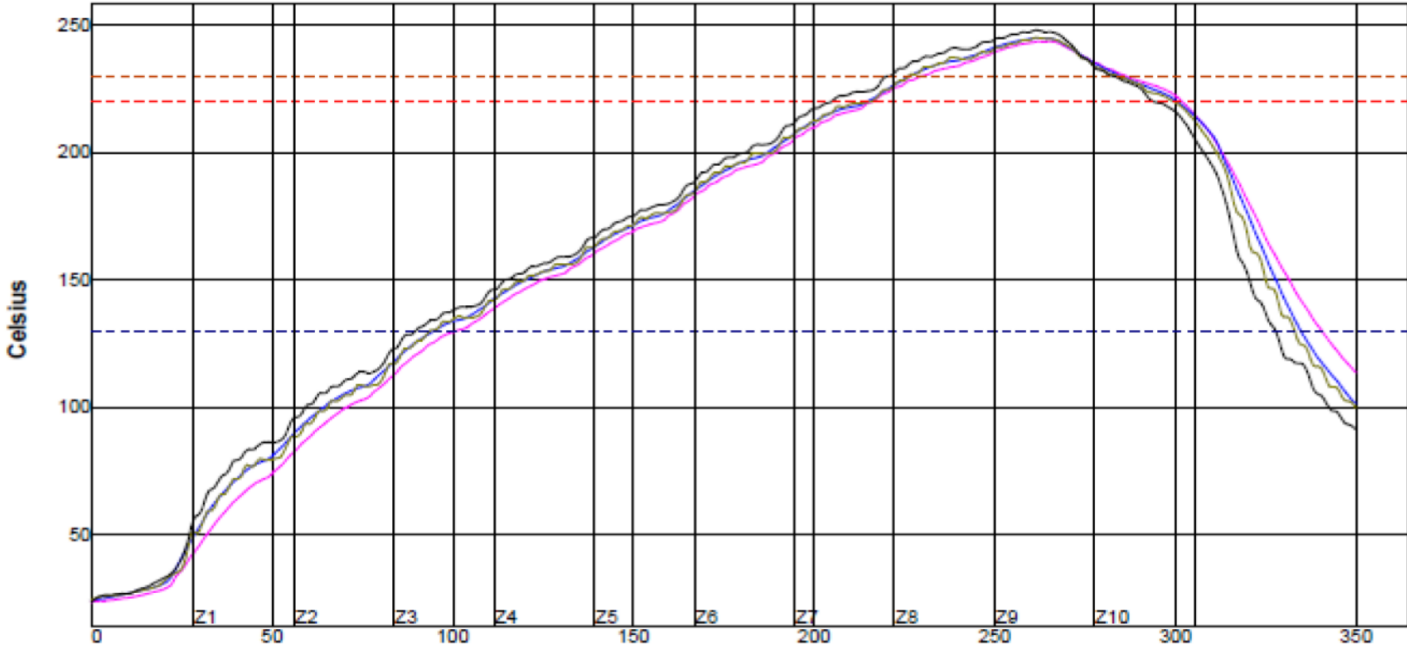


VOLTAGE MEASURE POINT



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	16%	115.95	71%	85.97	84%	243.84	35%	67.38	43%
M2 - 1	2.07	-17%	-3.28	-13%	120.00	78%	85.84	83%	245.08	51%	58.78	47%
J7 - 2	2.15	-14%	-3.41	-21%	121.51	80%	84.73	78%	245.34	53%	58.12	45%
U7 - 2	2.35	-8%	-3.75	-38%	115.18	71%	88.37	85%	248.28	83%	83.88	58%
Delta	0.55		1.06		5.35		4.85		4.44		8.00	