

TUF-GTX1650S-4G-GAMING

(CG161PI)

Repair Guide

Model List

Model name	60PN	GPU	Date
TUF-GTX1650S-4G-GAMING	YV0E43	CG161PI	2019/12/9

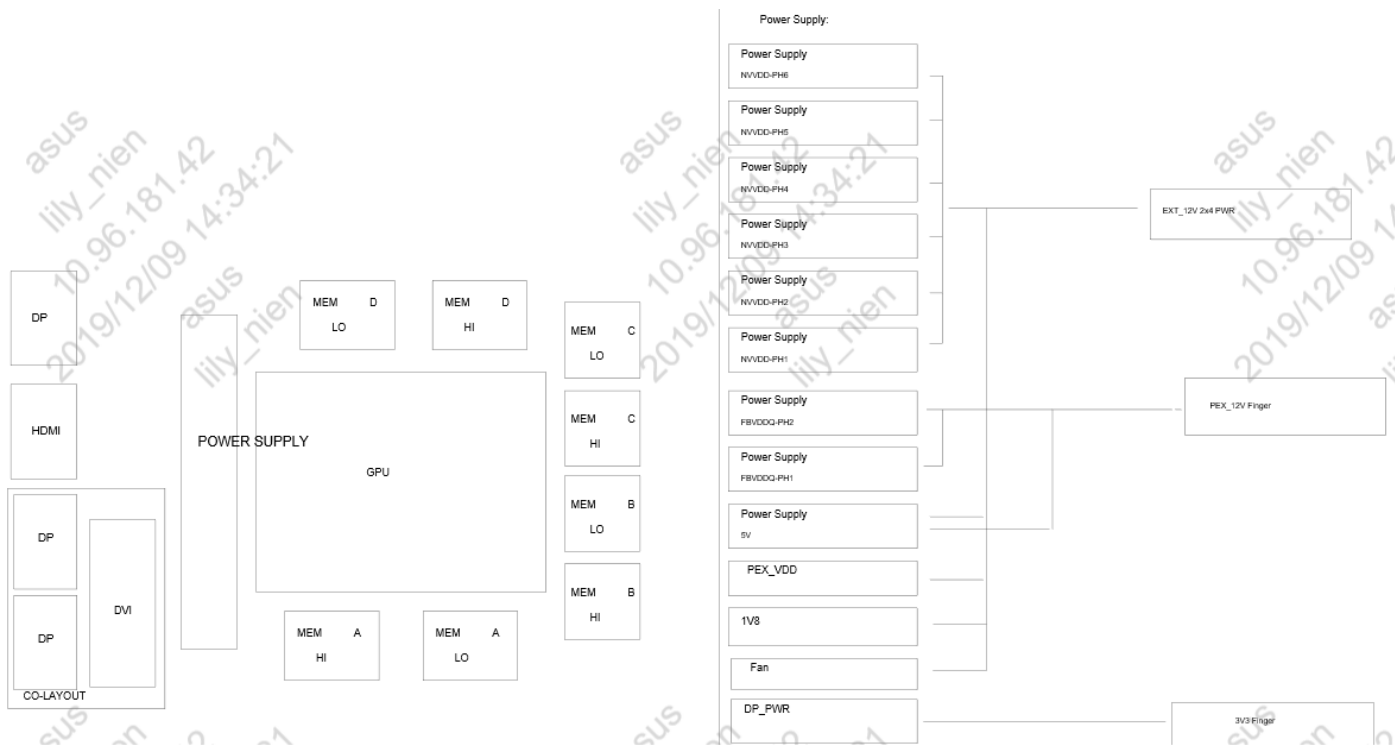
STANDARD APPEARANCE

TUF-GTX1650S-4G-GAMING



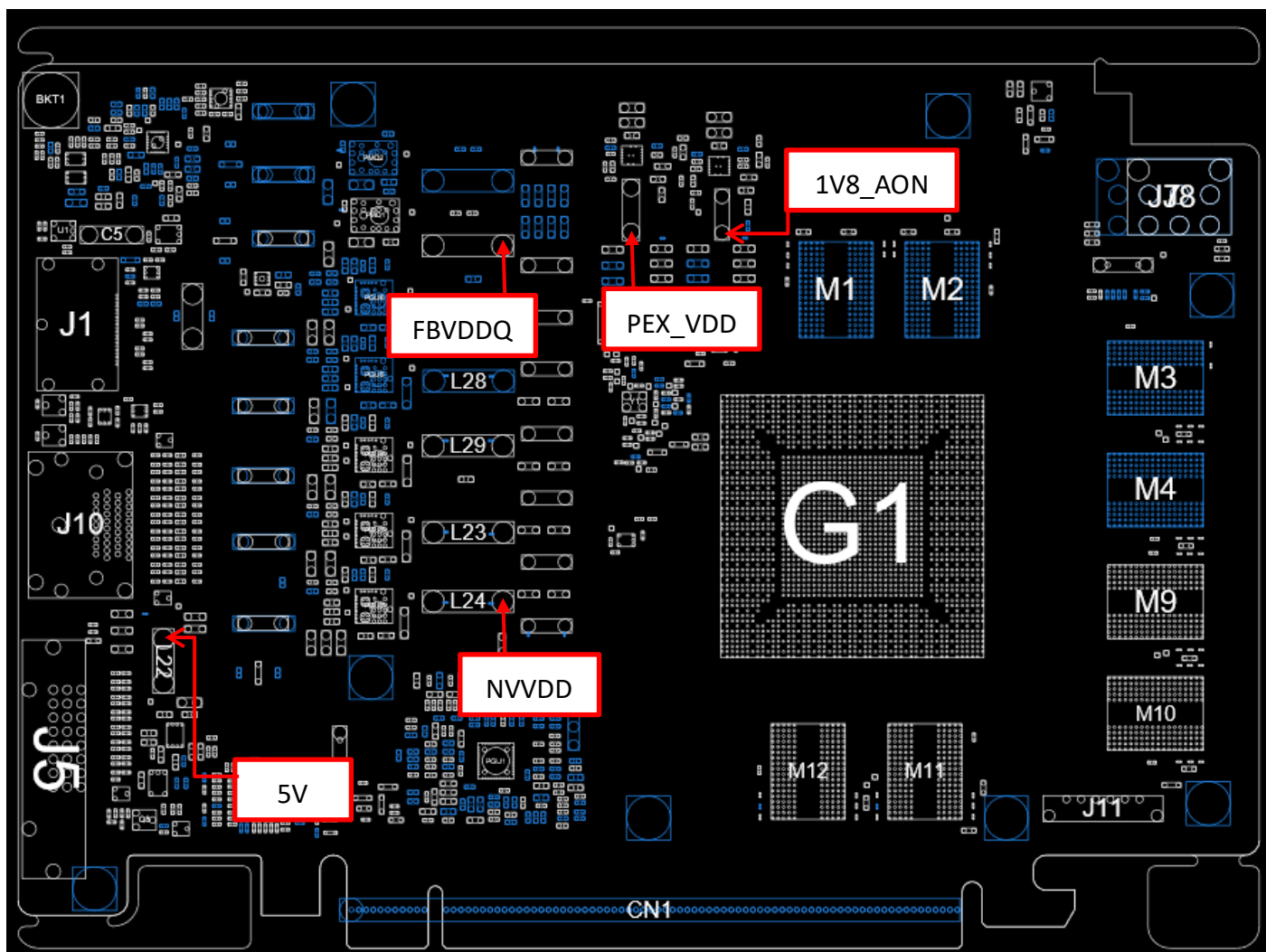
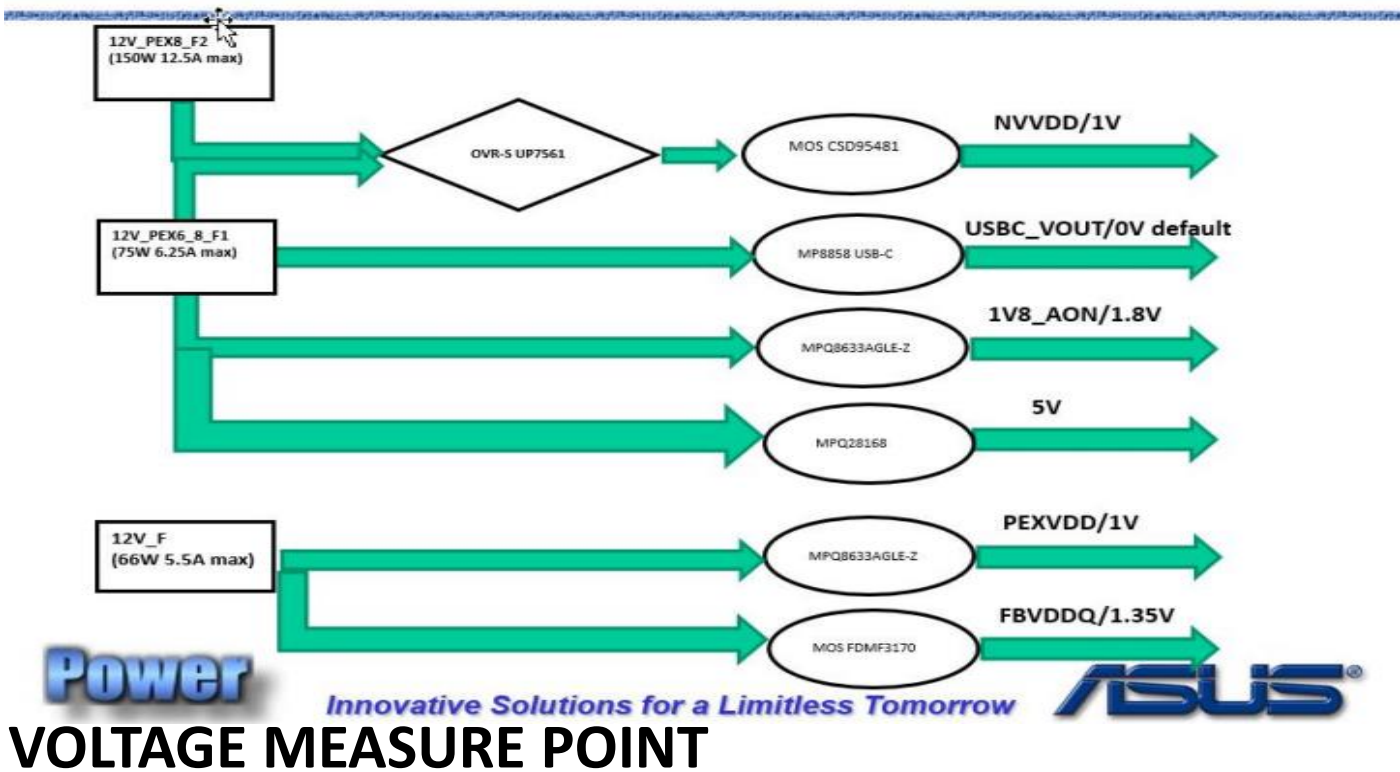


BLOCK DIAGRAM



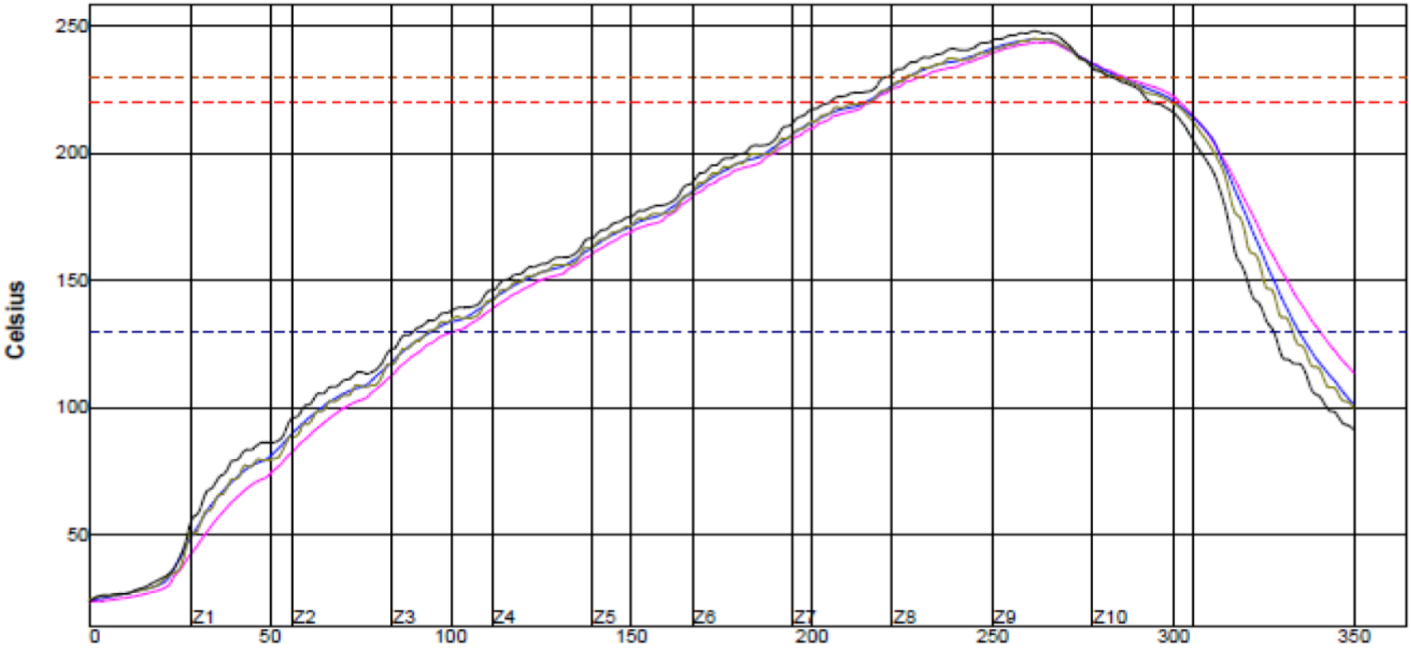
POWER FLOW

Power flow



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%	85.97	84%	243.84	35%	57.38	43%
M2 - 1	2.07	-17%	-3.28	-13%	120.00	78%	85.84	83%	245.08	51%	58.78	47%
U7 - 2	2.15	-14%	-3.41	-21%	121.51	80%	84.73	79%	245.34	53%	58.12	45%
U7 - 2	2.35	-8%	-3.75	-38%	115.18	71%	88.37	85%	248.28	83%	59.38	58%
Delta	0.55		1.08		6.35		4.85		4.44		8.00	