

# DUAL-GTX1650-O4GD6-MINI

(CG177PI)

## Repair Guide

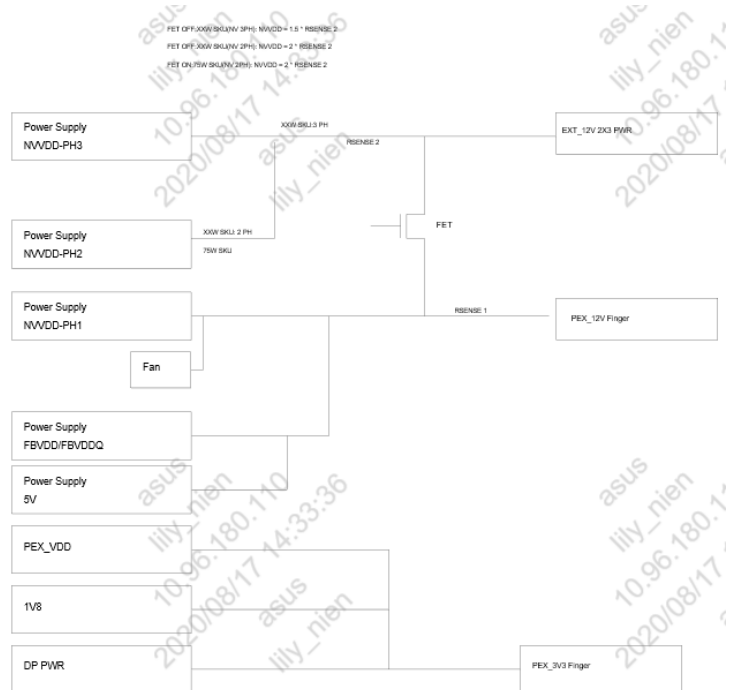
### Model List

Model name	60PN	GPU	Date
DUAL-GTX1650-O4GD6-MINI	YV0EH6	CG177PI	2020/8/17

### STANDARD APPEARANCE

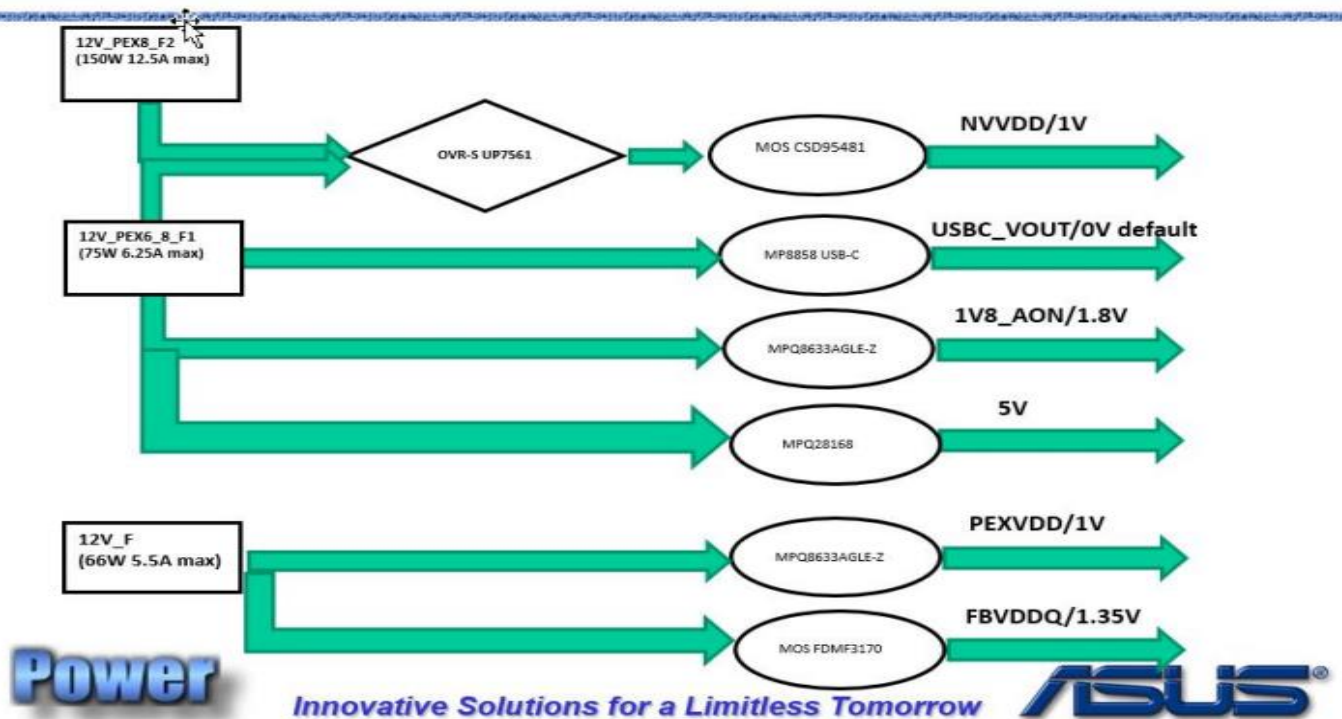
DUAL-GTX1650-O4GD6-MINI





The image shows the PCB layout of the MEIG101 module. Red boxes highlight the power supply connections for the 5V, NVVDD, 1V8\_AON, PEX\_VDD, and FBVDDQ planes. Red arrows indicate the connection points for these planes. The module includes components like BKT1, J7, J6, J8, M1, M2, and M4.

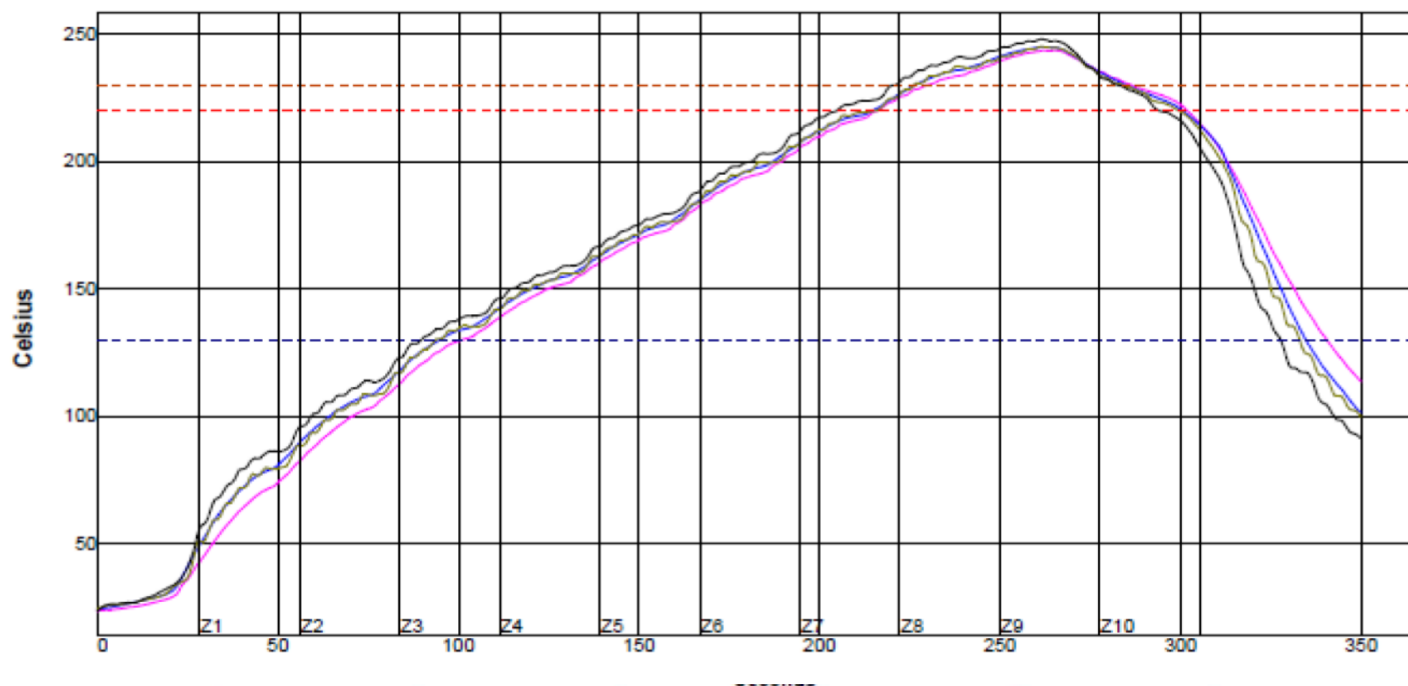
## → Power flow



# 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%	115.95	71%	85.97	84%	243.84	38%	67.88	43%
M2 - 1	2.07	-17%	-3.28	-13%	120.00	78%	85.84	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%
I.7 - 2	2.35	-8%	-3.75	-38%	115.19	71%	88.37	85%	248.28	83%	89.38	58%
Delta	0.55		1.06		5.35		4.85		4.44		8.00	