

# DUAL-RTX2070-O8G-MINI

(CG180PI)

## Repair Guide

### Model List

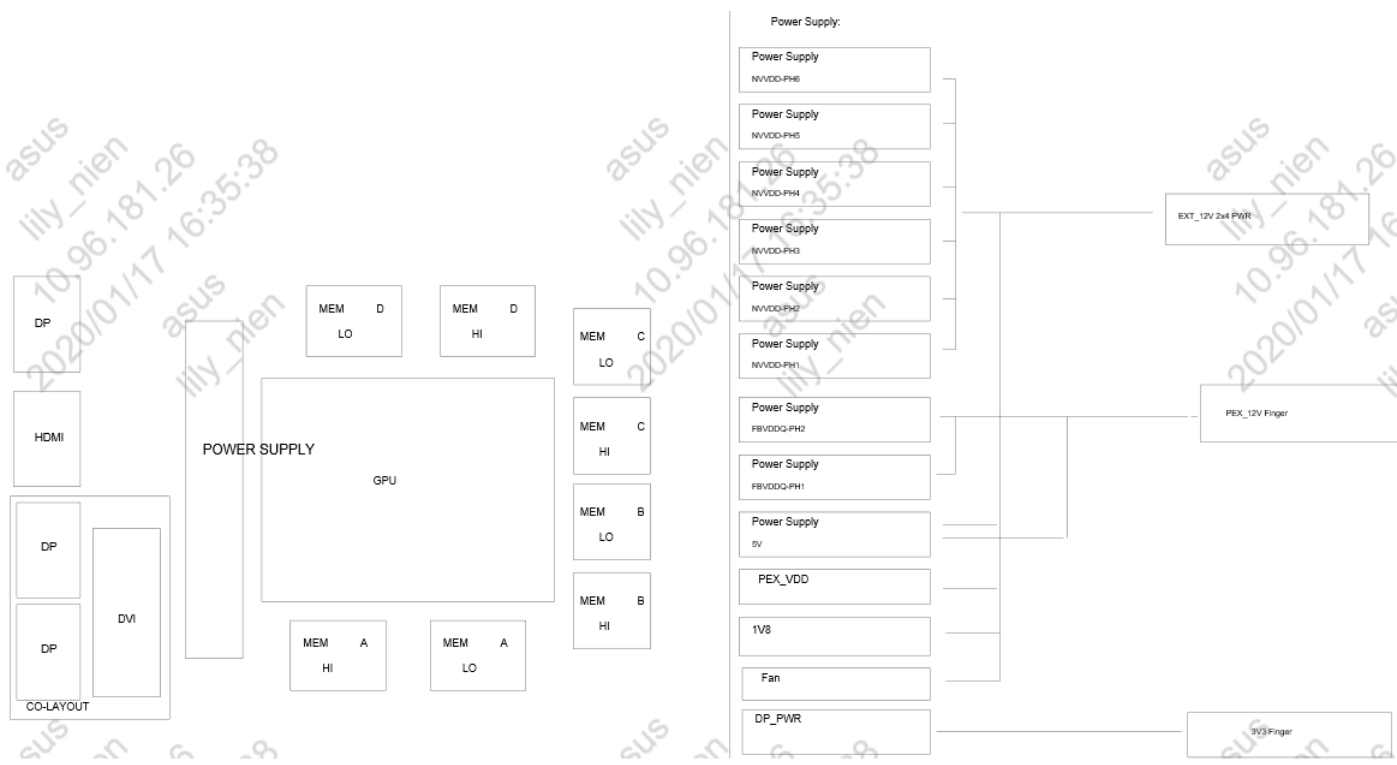
Model name	60PN	GPU	Date
DUAL-RTX2070-O8G-MINI	YV0ECO	CG180PI	2020/01/17

### STANDARD APPEARANCE

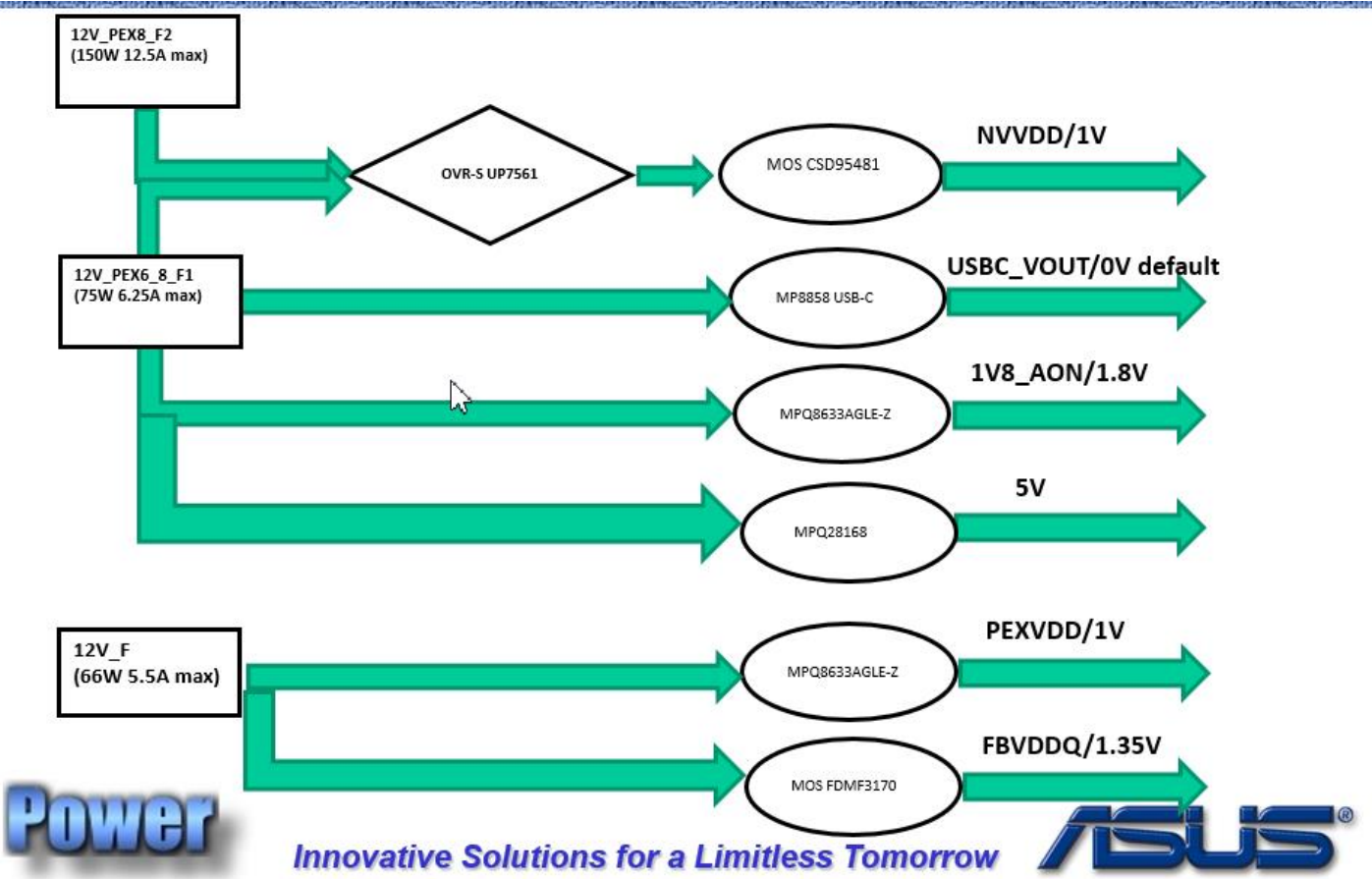
#### DUAL-RTX2070-O8G-MINI



# BLOCK DIAGRAM



# POWER FLOW

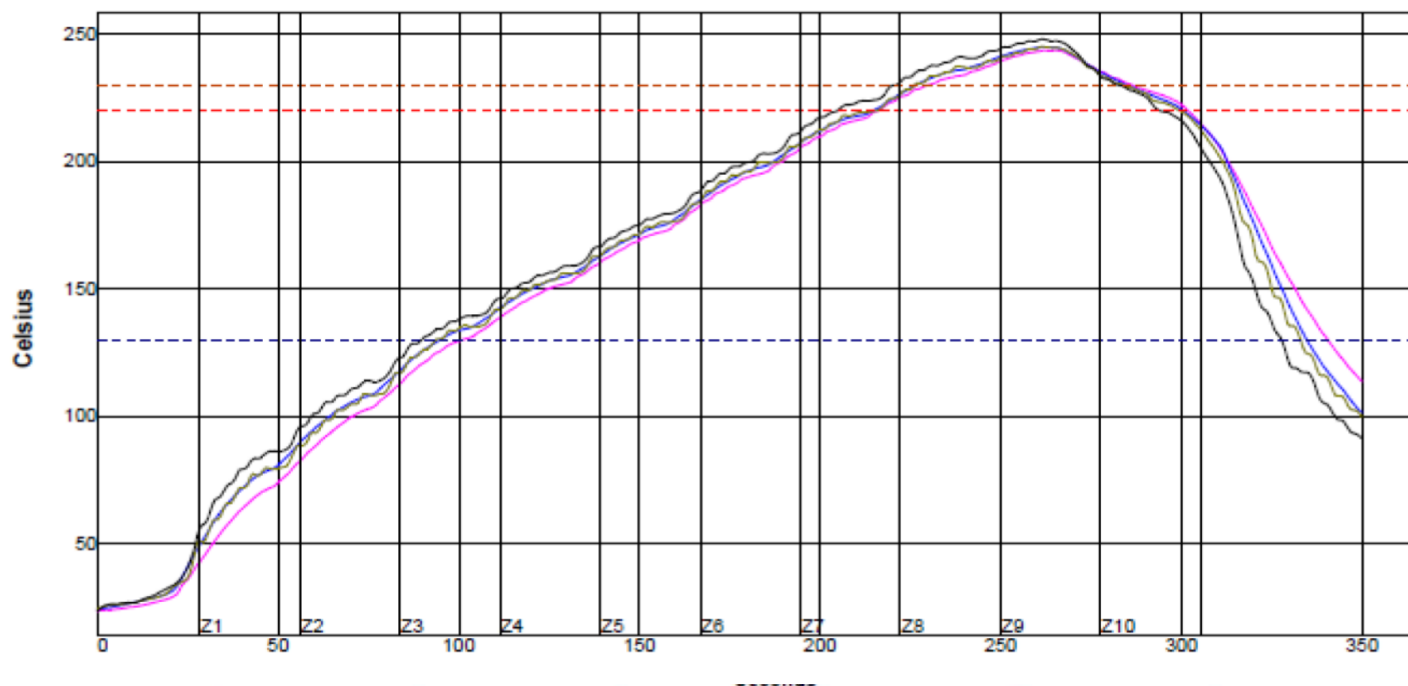


Top view of the PCB layout for the PEX module. Red arrows point to the following power planes and components:

- 5V**: Power plane for the 5V supply.
- FBVDDQ**: Power plane for the FBVDDQ supply.
- PEX\_VDD**: Power plane for the PEX\_VDD supply.
- NVVDD**: Power plane for the NVVDD supply.
- 1V8\_AON**: Power plane for the 1V8\_AON supply.

Other components and labels visible on the layout include: BKT1, C5, J1, J10, J11, J78, L23, L24, L25, L28, L29, M1, M2, M3, M4, M9, M10, M11, M12, U11, and U12.

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%	67.98	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	45%
I.7 - 2	2.35	-8%	-3.75	-38%	115.18	71%	88.37	85%	248.28	83%	83.88	58%
Delta	0.55		1.08		5.35		4.85		4.44		8.00	