

ROG-STRIX-RTX3060TI-8G-GAMING (CG142S)

Repair Guide

Model List

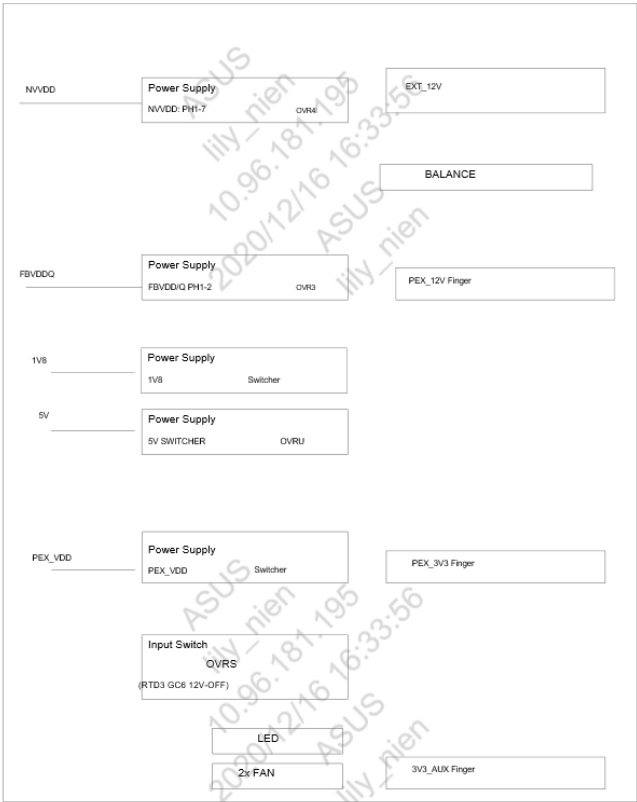
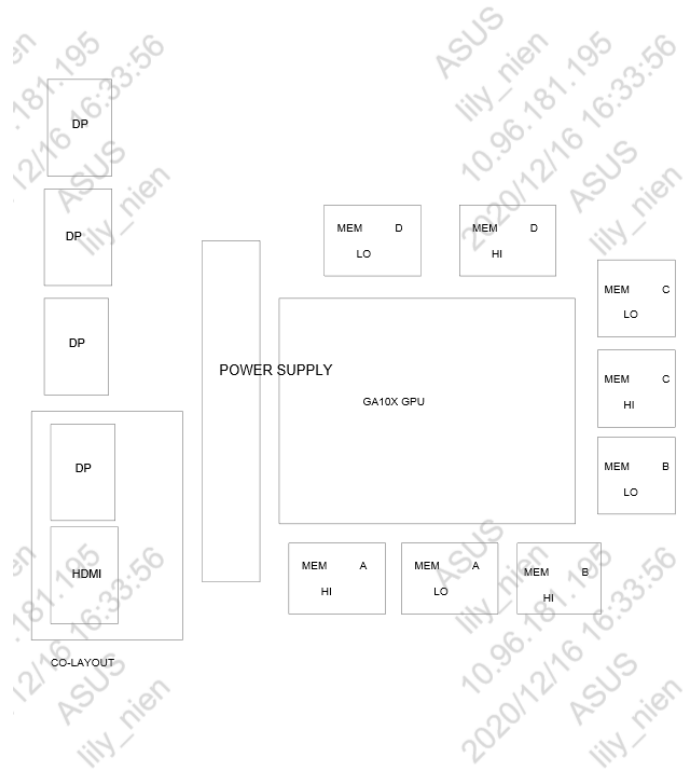
| Model name | 60PN | GPU | Date |
|-------------------------------|--------|--------|------------|
| ROG-STRIX-RTX3060TI-8G-GAMING | YV0G00 | CG142S | 2020/12/16 |

STANDARD APPEARANCE

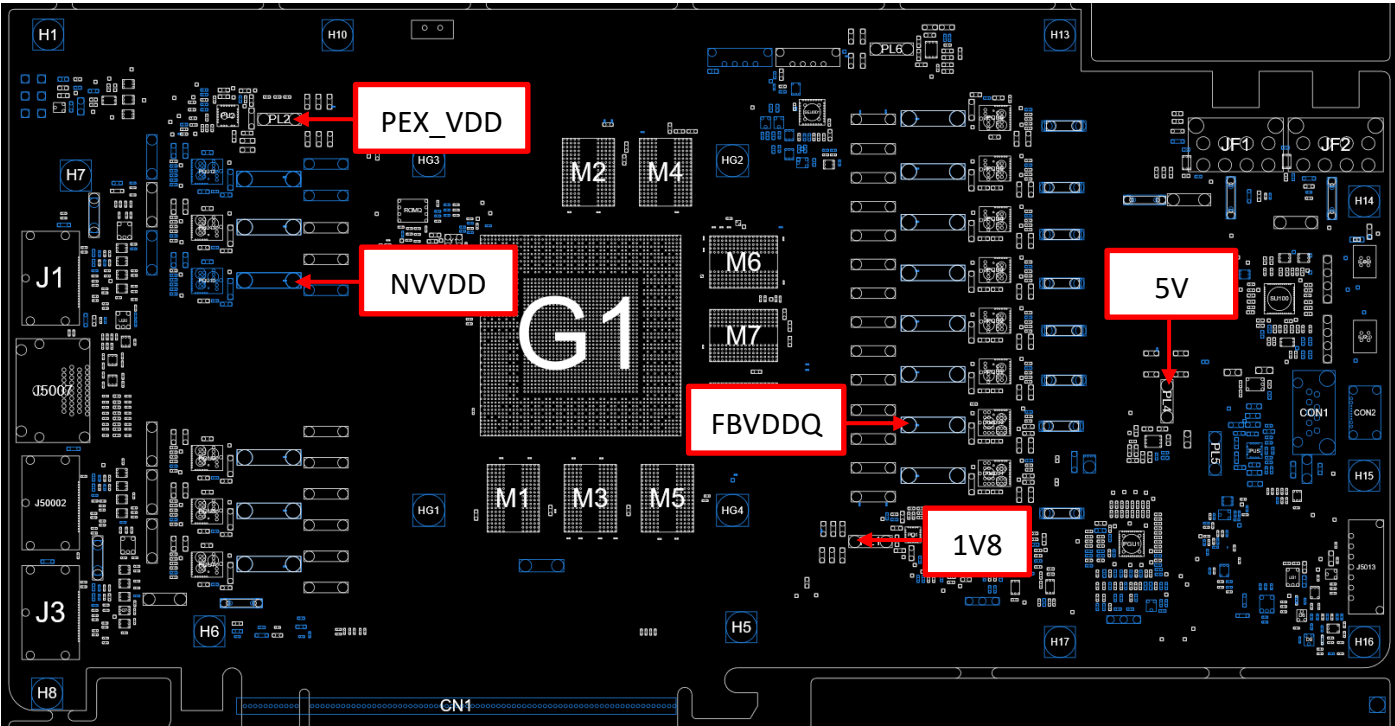
ROG-STRIX-RTX3060TI-8G-GAMING



BLOCK DIAGRAM

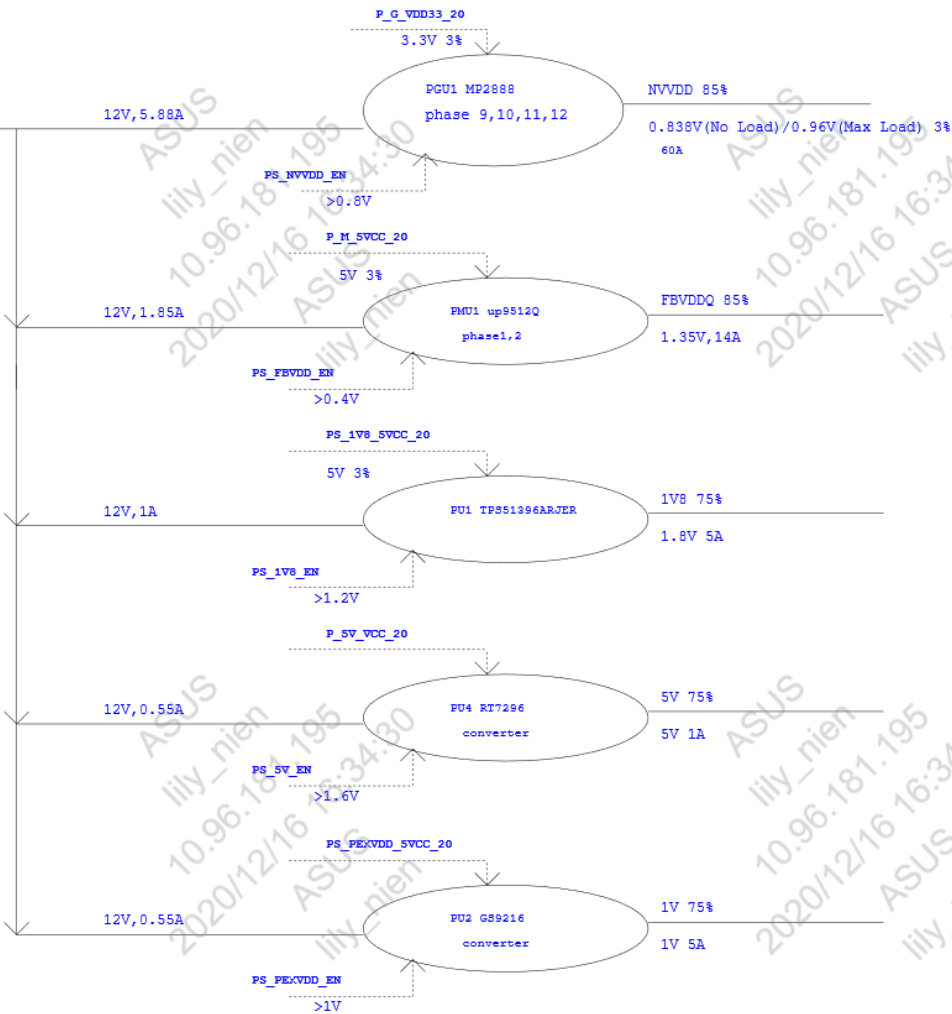


VOLTAGE MEASURE POINT

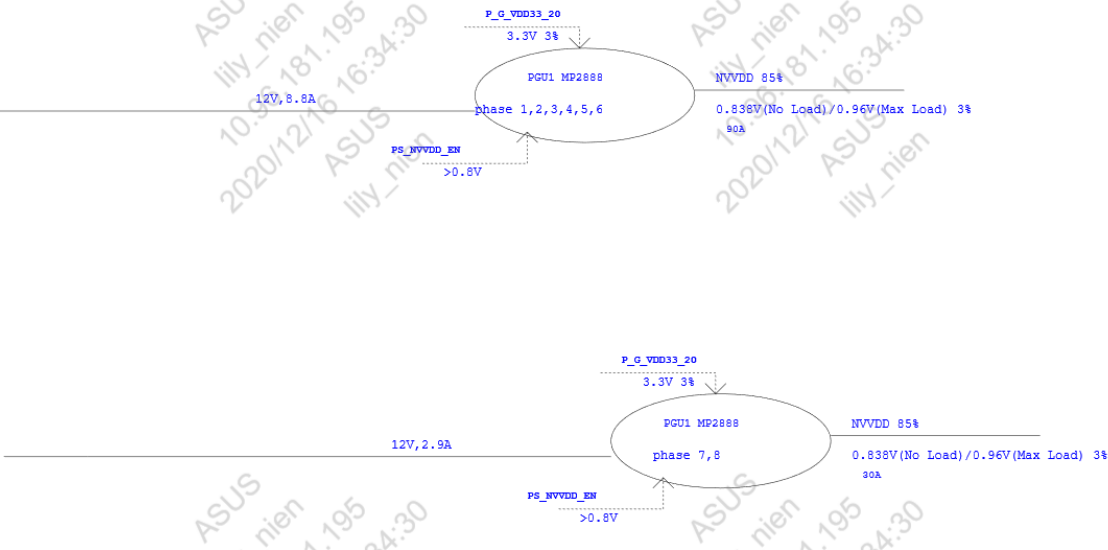


POWER FLOW

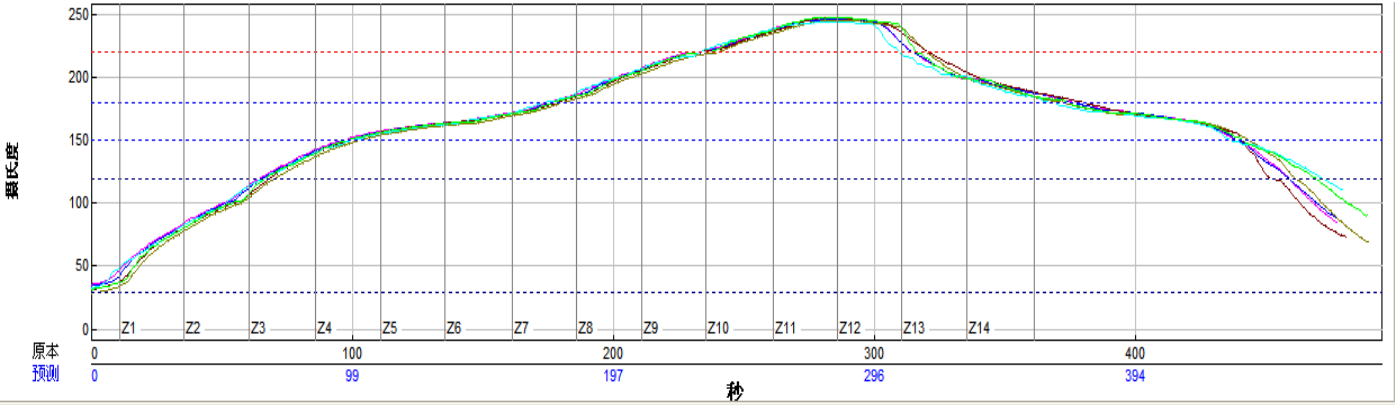
12V PEX8 F1
(150W, 12.5A max)



12V PEX8 F2
(150W, 12.5A max)



BGA REFLOW PROFILE



| TCs | 温度最高上升斜率 | | 温度最高下降斜率 | | 预热 30至120°C | | 恒温时间 150至180°C | | 回流时间 /220°C | | 量 |
|---------|----------|-----|----------|------|-------------|------|----------------|-----|-------------|-----|--------|
| <TC2> | 1.55 | 3% | -1.86 | 14% | 64.22 | -86% | 78.12 | 21% | 81.68 | 45% | 246.73 |
| <TC3> | 1.61 | 7% | -1.70 | 30% | 64.75 | -84% | 78.10 | 21% | 80.89 | 38% | 246.40 |
| <TC4> | 1.70 | 13% | -1.99 | 1% | 67.17 | -76% | 78.03 | 20% | 80.13 | 34% | 245.62 |
| <TC6> | 1.63 | 8% | -2.23 | -23% | 67.97 | -73% | 79.87 | 32% | 89.62 | 97% | 247.78 |
| <TC8> | 1.52 | 2% | -1.36 | 64% | 66.18 | -79% | 74.30 | -5% | 76.76 | 12% | 244.23 |
| <TC9> | 1.68 | 12% | -1.50 | 50% | 66.68 | -78% | 78.99 | 27% | 84.52 | 63% | 247.67 |
| 温差 | 0.18 | | 0.87 | | 3.75 | | 5.57 | | 12.86 | | 3.55 |
| P.<TC2> | 1.54 | 3% | -1.85 | 15% | 63.51 | -88% | 76.50 | 10% | 80.02 | 33% | 246.56 |