

Repair Guide

Model List

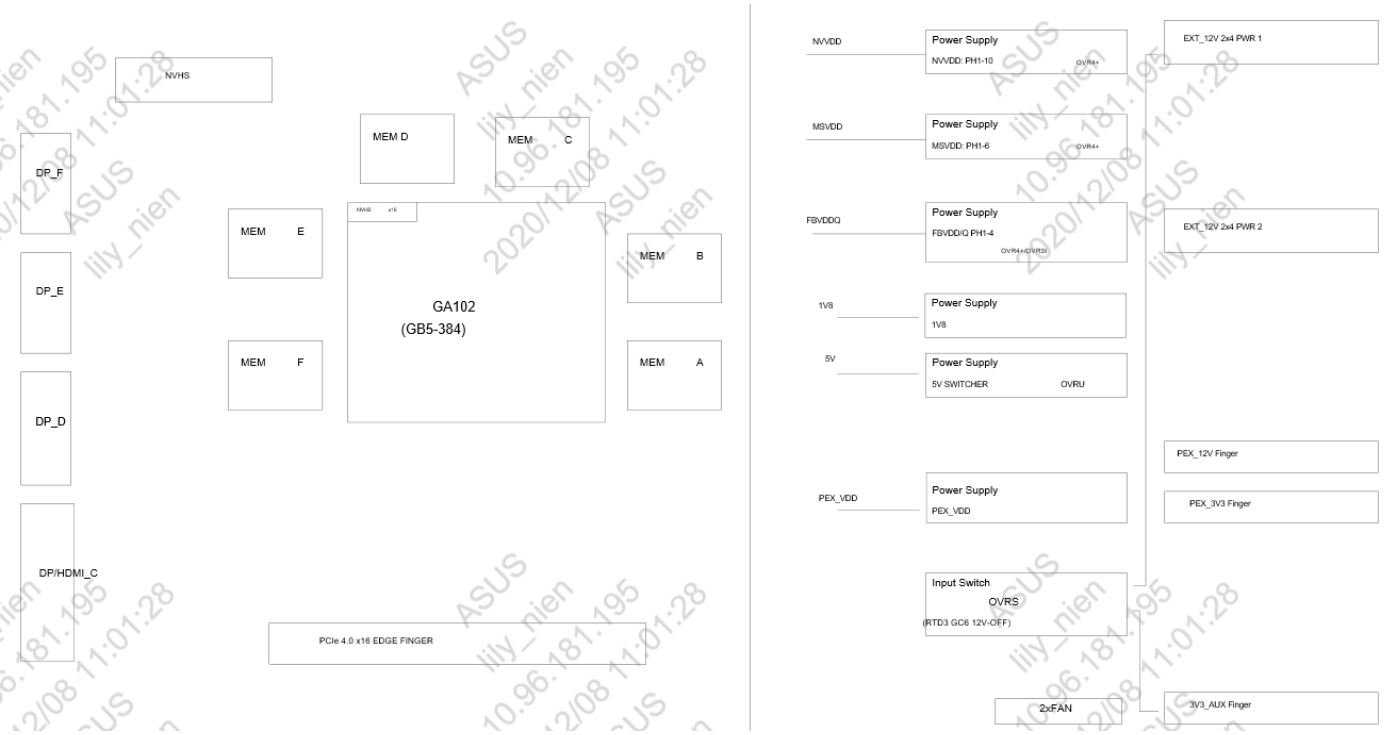
| Model name | 60PN | GPU | Date |
|----------------|--------|----------|-----------|
| RTX3090-24G-EK | YV0F80 | PG132B01 | 2020/12/8 |

STANDARD APPEARANCE

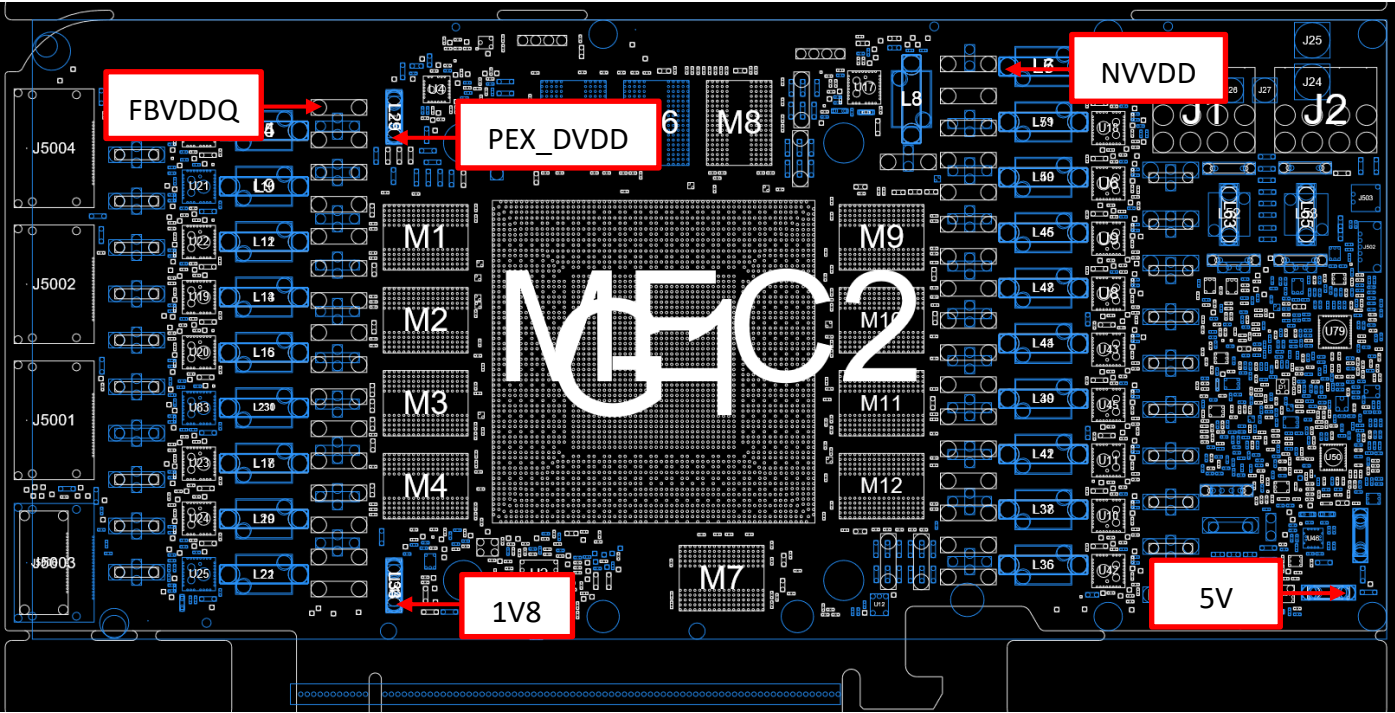
RTX3090-24G-EK



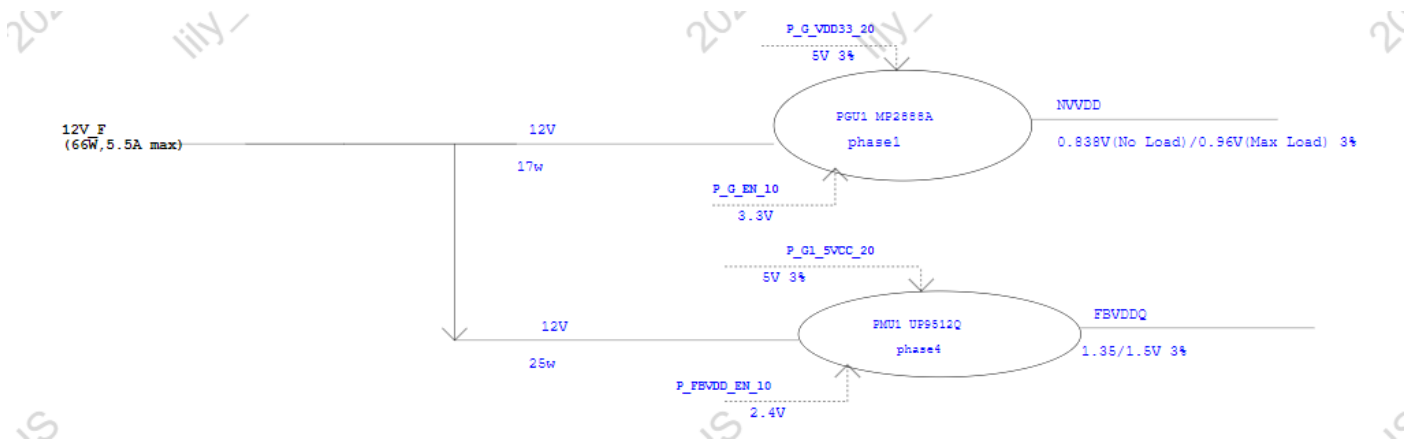
BLOCK DIAGRAM



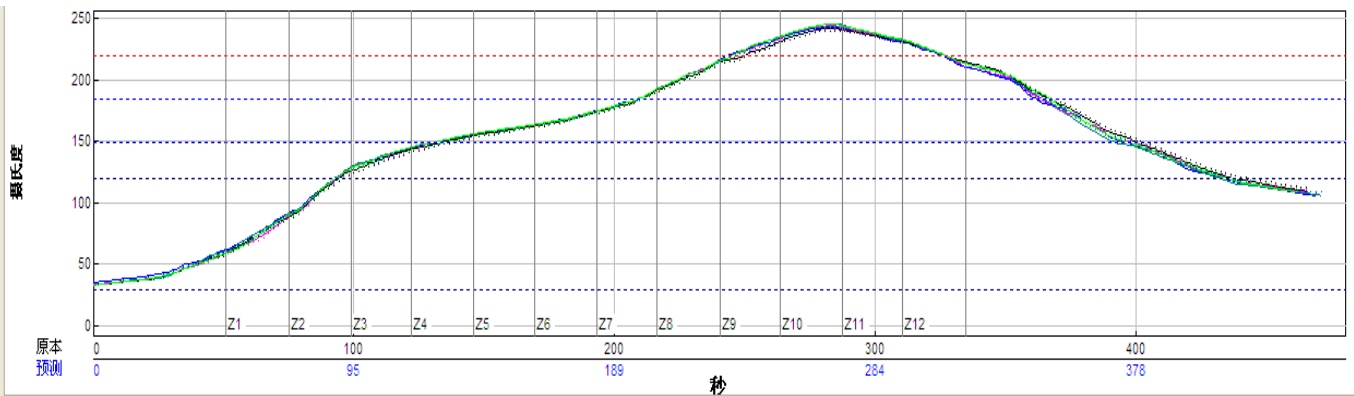
VOLTAGE MEASURE POINT



POWER FLOW



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185°C | | 回流时间 /220°C | | 总 |
|---------|----------|-----|----------|-----|-------------|-----|----------------|------|-------------|-----|--------|
| <TC2> | 1.63 | 9% | -1.22 | 78% | 92.86 | 10% | 76.54 | -45% | 83.17 | 84% | 244.90 |
| <TC3> | 1.51 | 1% | -1.19 | 81% | 92.26 | 8% | 77.19 | -43% | 83.14 | 84% | 244.01 |
| <TC5> | 1.51 | 0% | -1.15 | 85% | 93.18 | 11% | 75.30 | -49% | 78.40 | 73% | 242.84 |
| <TC7> | 1.55 | 4% | -1.37 | 63% | 91.85 | 6% | 78.23 | -39% | 82.31 | 82% | 246.45 |
| <TC9> | 1.55 | 4% | -1.29 | 71% | 92.52 | 8% | 77.63 | -41% | 82.96 | 84% | 246.17 |
| 温差 | 0.12 | | 0.22 | | 1.33 | | 2.93 | | 4.77 | | 3.61 |
| P.<TC2> | 1.69 | 12% | -1.23 | 77% | 89.49 | -2% | 69.48 | -68% | 77.06 | 70% | 243.30 |
| P.<TC3> | 1.57 | 5% | -1.22 | 78% | 89.23 | -3% | 69.76 | -67% | 76.88 | 70% | 242.36 |

| | P.W.L. | 公分份 | 温区 1 | 温区 2 | 温区 3 | 温区 4 | 温区 5 | 温区 6 | 温区 7 | 温区 8 | 温区 9 | 温区 10 | 温区 11 | 温区 12 |
|-------|--------|------|------|------|------|------|------|------|------|------|------|-------|-------|-------|
| 原上温区 | 85% | 70.0 | 130 | 155 | 200 | 175 | 175 | 180 | 200 | 245 | 270 | 270 | 210 | 190 |
| 原下温区 | | | 130 | 155 | 200 | 175 | 175 | 180 | 200 | 245 | 270 | 270 | 210 | 190 |
| 预测上温区 | 81% | 74.1 | 130 | 155 | 200 | 175 | 175 | 180 | 200 | 245 | 270 | 270 | 210 | 190 |
| 预测下温区 | | | 130 | 155 | 200 | 175 | 175 | 180 | 200 | 245 | 270 | 270 | 210 | 190 |