

TUF 3-RX5700XT-O8G-GAMING

(D199PI)

Repair Guide

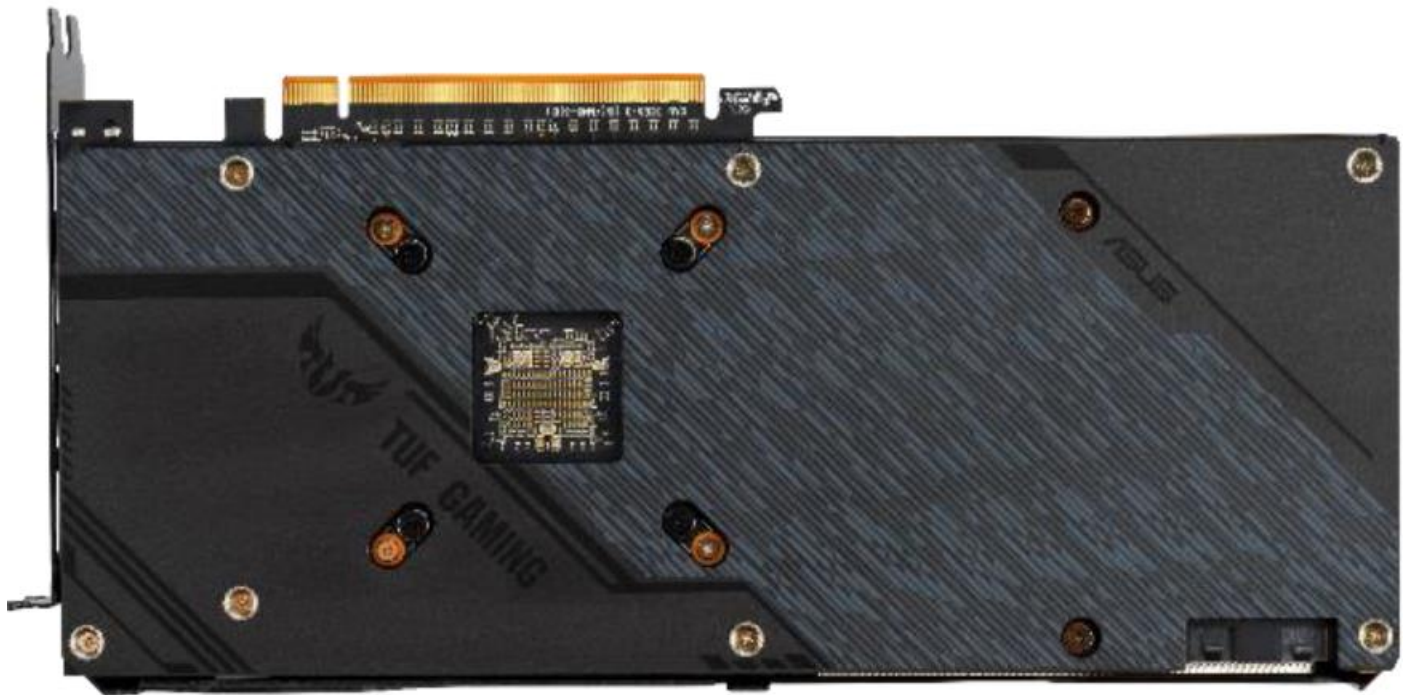
Model List

| Model Name | 60PN | GPU | Date |
|---------------------------|--------|--------|-----------|
| TUF 3-RX5700XT-O8G-GAMING | YV0DA0 | D199PI | 2019/8/29 |

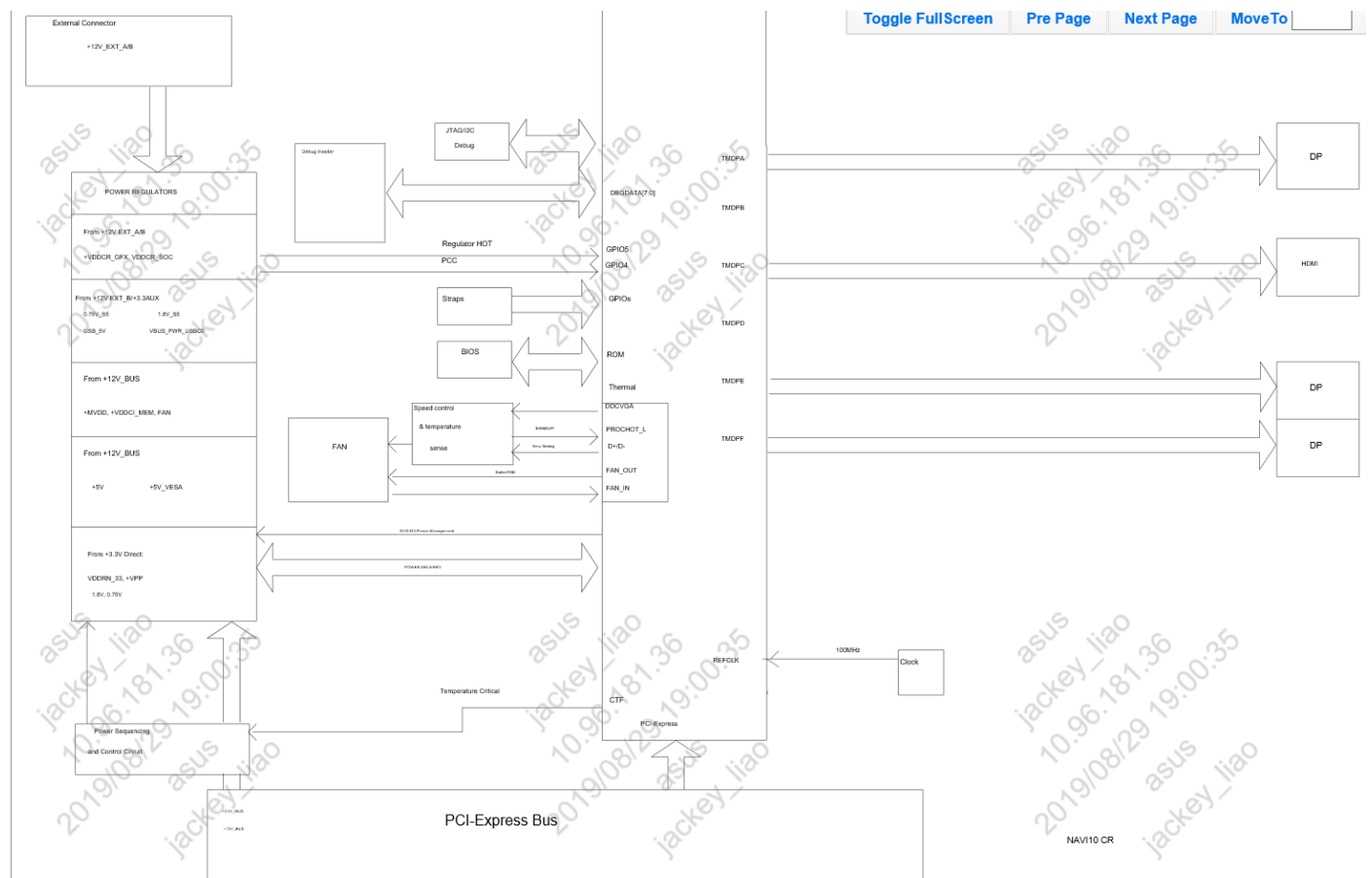
STANDARD APPEARANCE

TUF 3-RX5700XT-O8G-GAMING

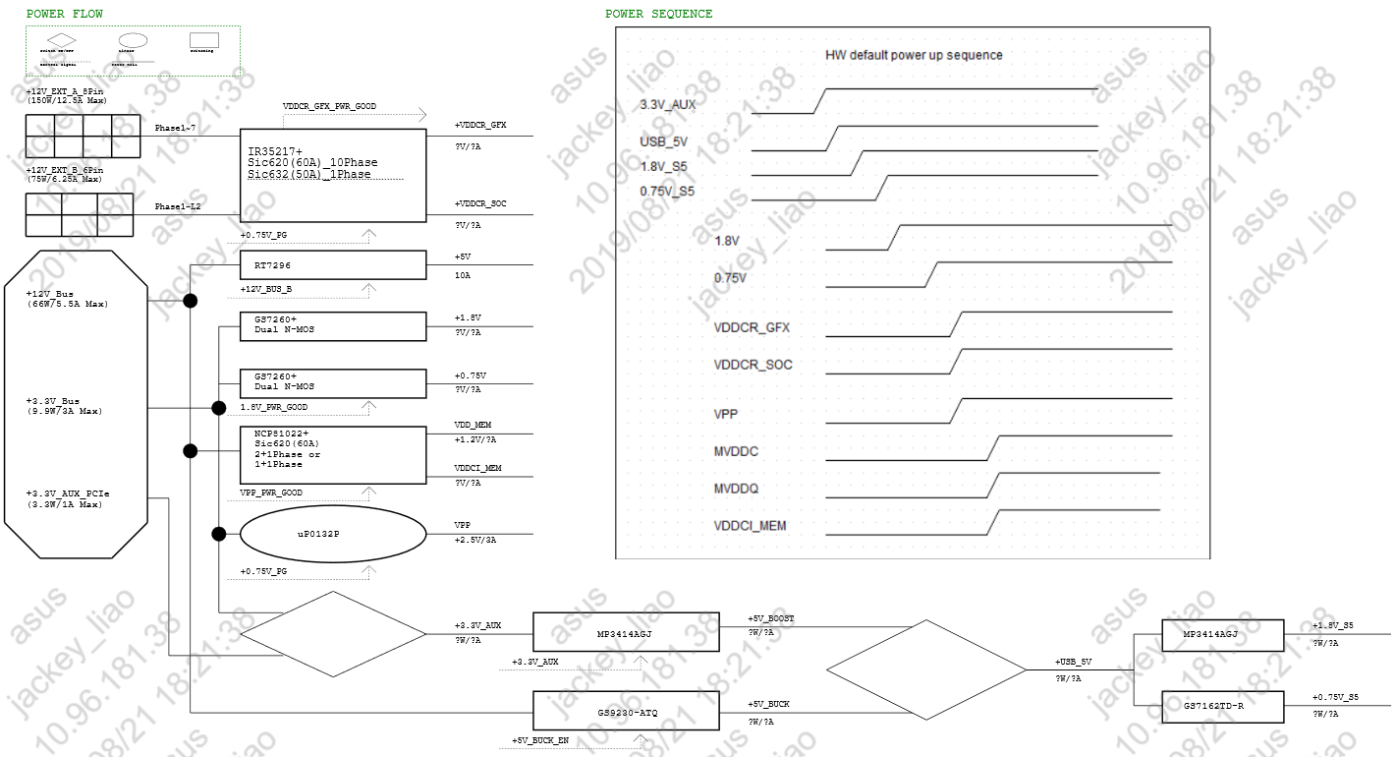




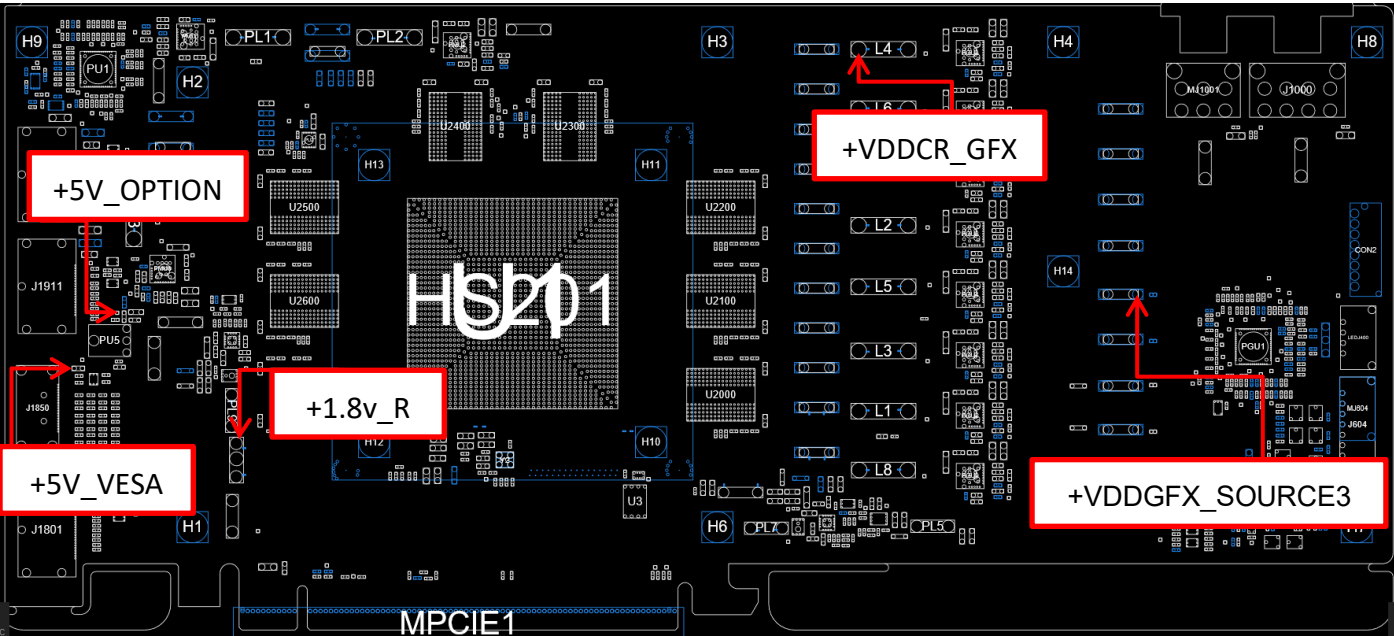
BLOCK DIAGRAM



POWER FLOW



VOLTAGE MEASURE POINT



BGA REFLOW PROFILE

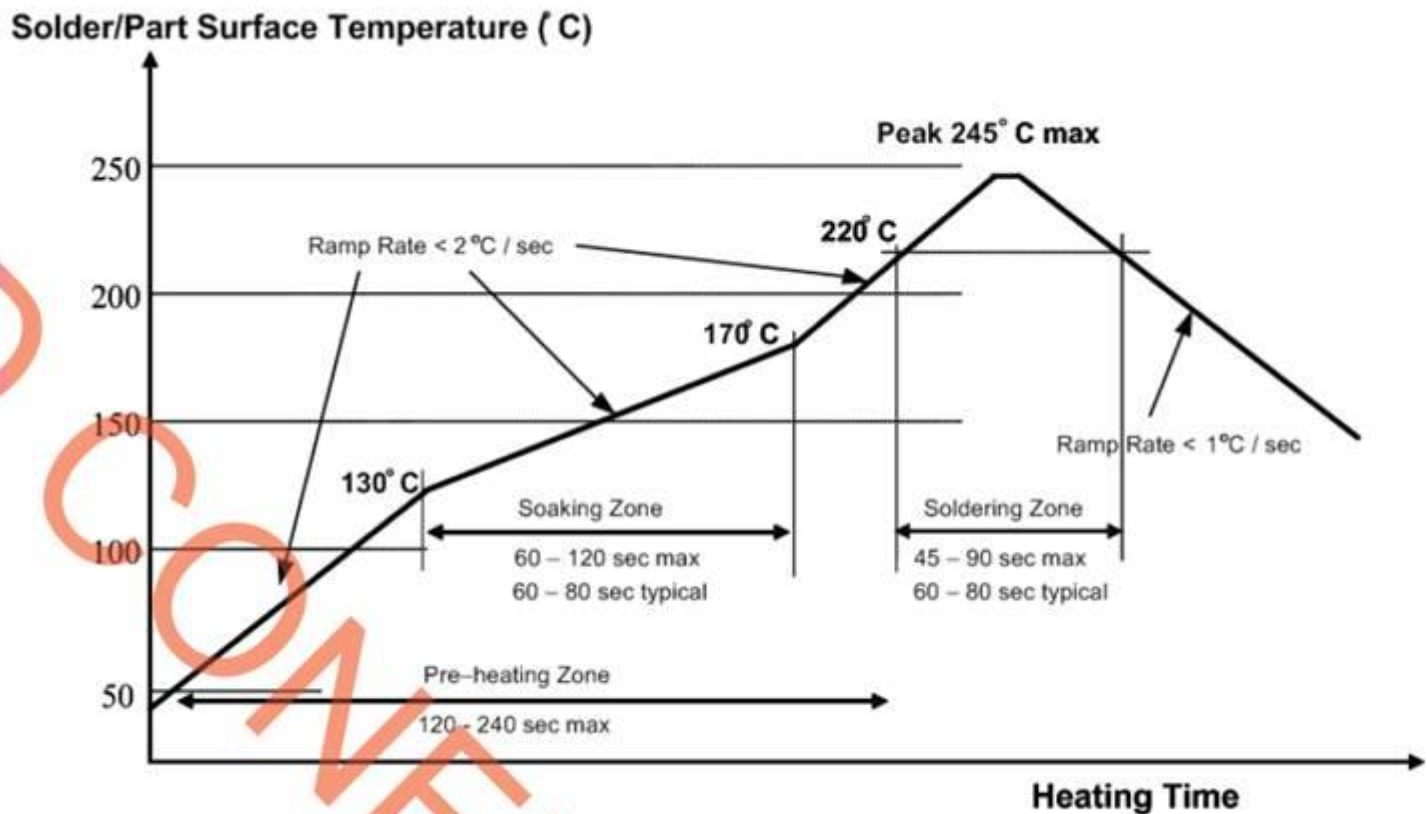


Table 7-1 Recommended Profiling — RoHS/Lead-Free Solder

| Profiling Stage | Temperature | Process Range |
|---------------------------------------|---------------------------|----------------------------------|
| Overall Preheat | Room temperature to 220°C | Two to four minutes |
| Soaking Time | 130°C to 170°C | Typically 60 to 80 seconds |
| Liquidus | 220°C | Typically 60 to 80 seconds |
| Ramp Rate | Ramp up Ramp down | < 2°C / second < 1°C / second |
| Peak | Maximum 245°C | 235°C ± 5°C |
| Temperature at Peak Within 5°C | 240°C to 245°C | 10 to 30 seconds |