

ROG-STRIX-RX5700XT-O8G-GAMING-RG (CG182PI)

Repair Guide

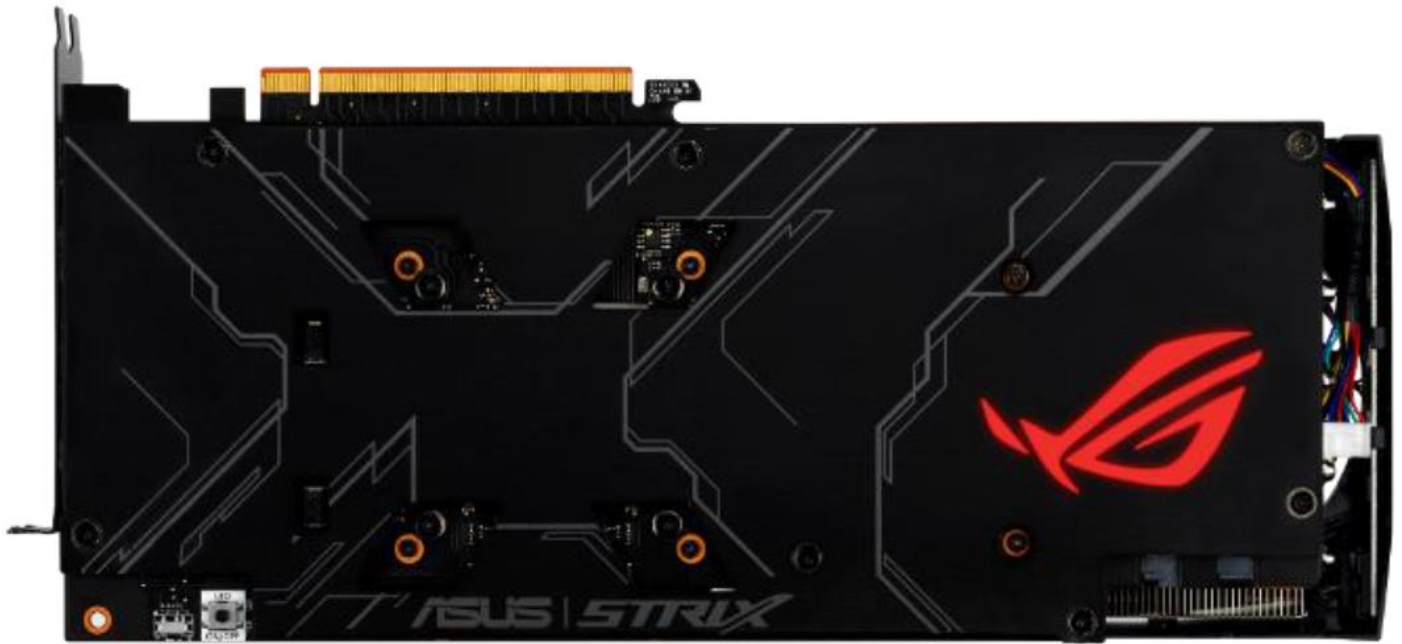
Model List

Model Name	60PN	GPU	Date
ROG-STRIX-RX5700XT-O8G-GAMING	YV0D90	D182PI	2019/8/21

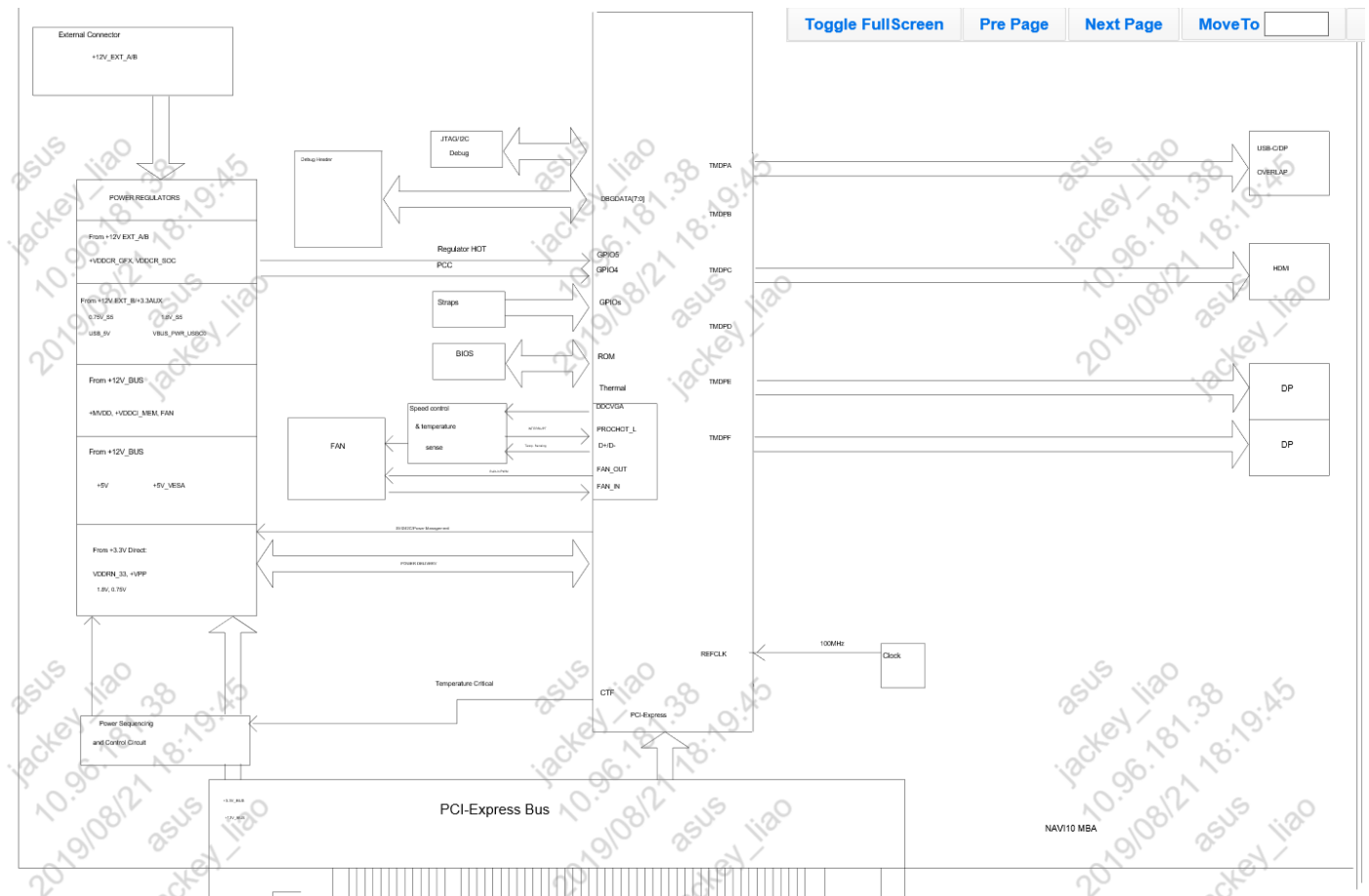
STANDARD APPEARANCE

ROG-STRIX-RX5700XT-O8G-GAMING

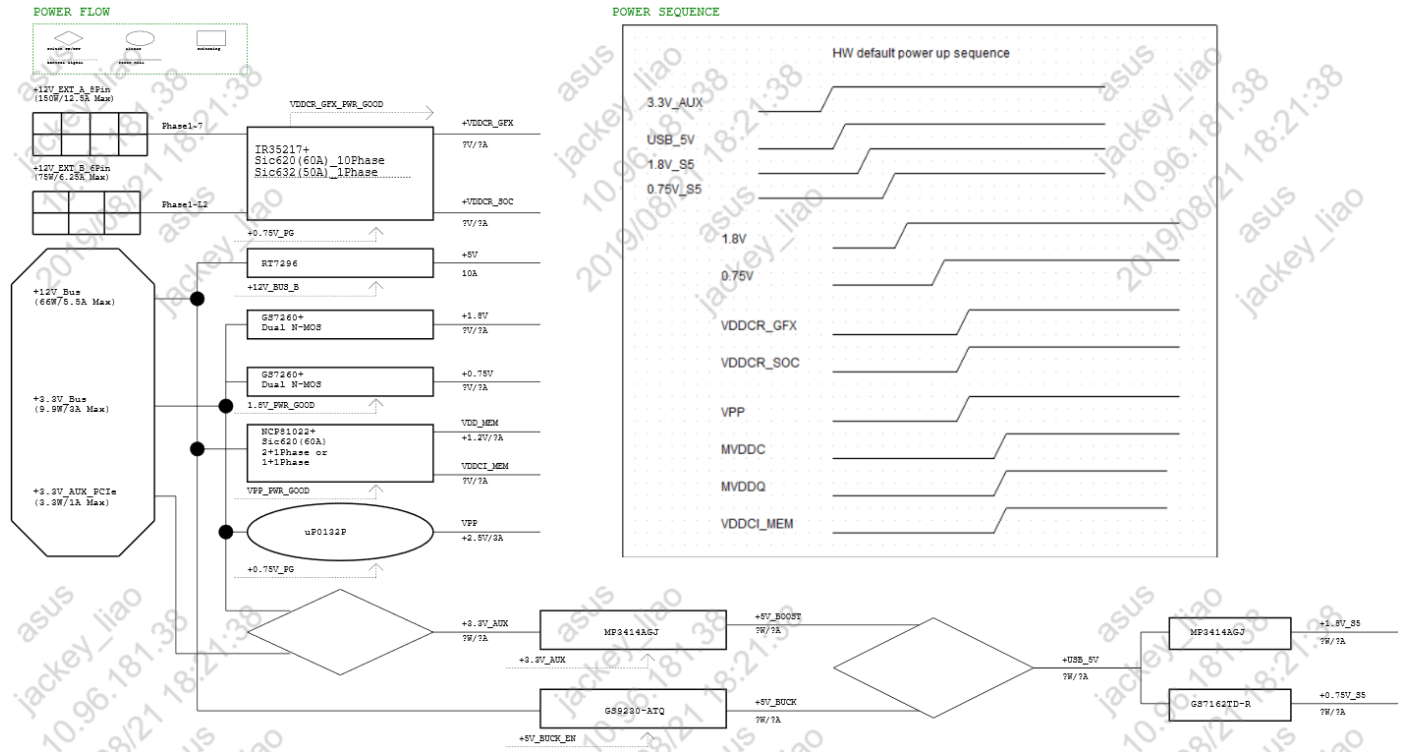




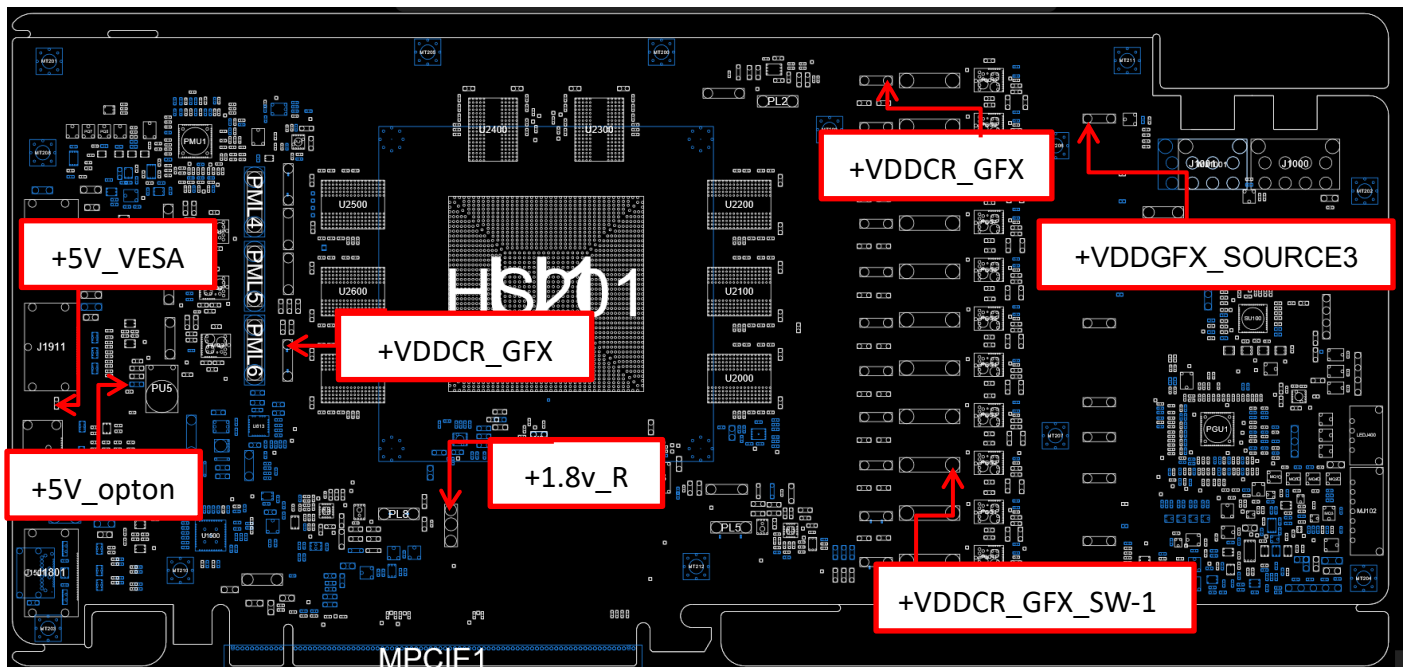
BLOCK DIAGRAM



POWER FLOW



VOLTAGE MEASURE POINT



BGA REFLOW PROFILE

Solder/Part Surface Temperature (°C)

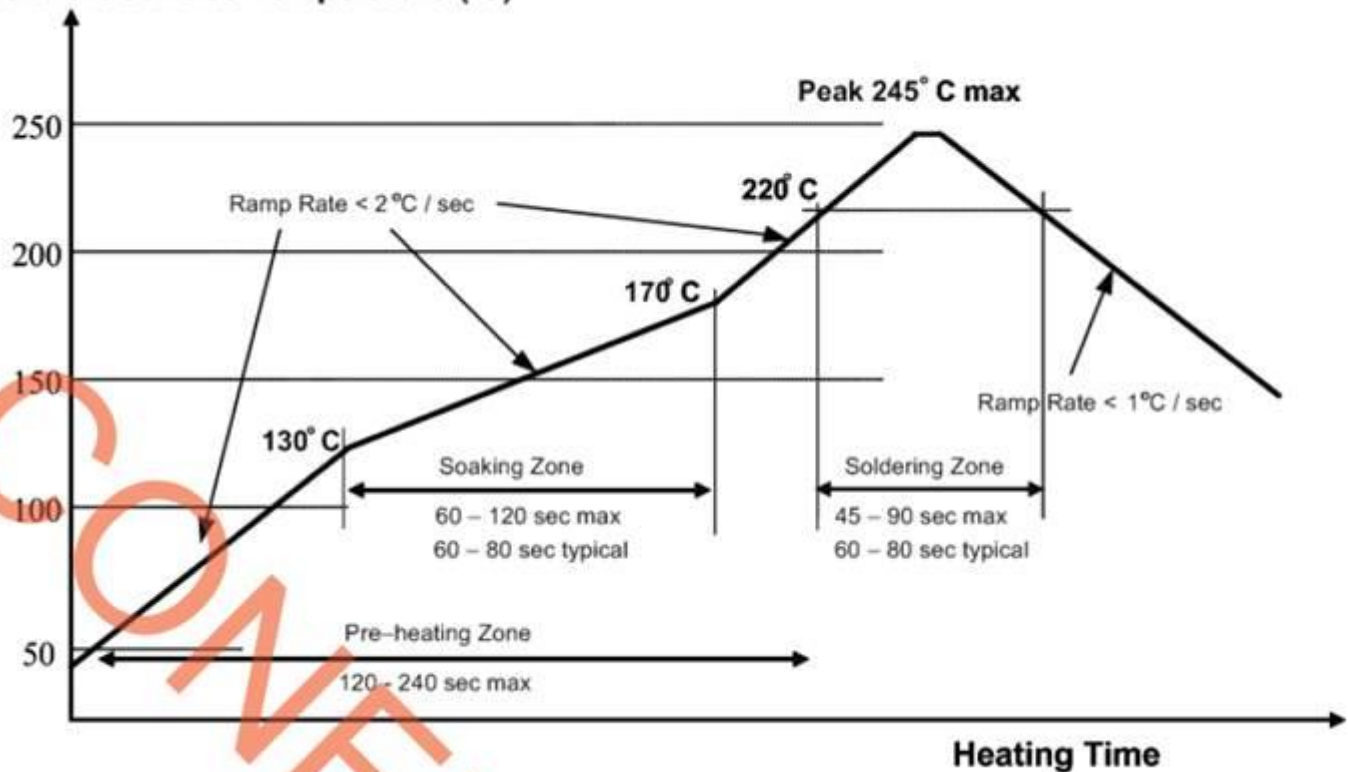


Table 7-1 Recommended Profiling — RoHS/Lead-Free Solder

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