

RX570 (D009PI) Repair Guide

Jonas 2018/2/27

Model List

Model name	60PN	GPU	Date
EX-RX570-4G	YV0AI0	D009PI	2017/4/29
EX-RX570-O4G	YV0AI1	D009PI	2017/4/29
EX-RX570-8G	YV0AI2	D009PI	2018/2/27
EX-RX570-O8G	YV0AI3	D009PI	2018/2/27

STANDARD APPEARANCE

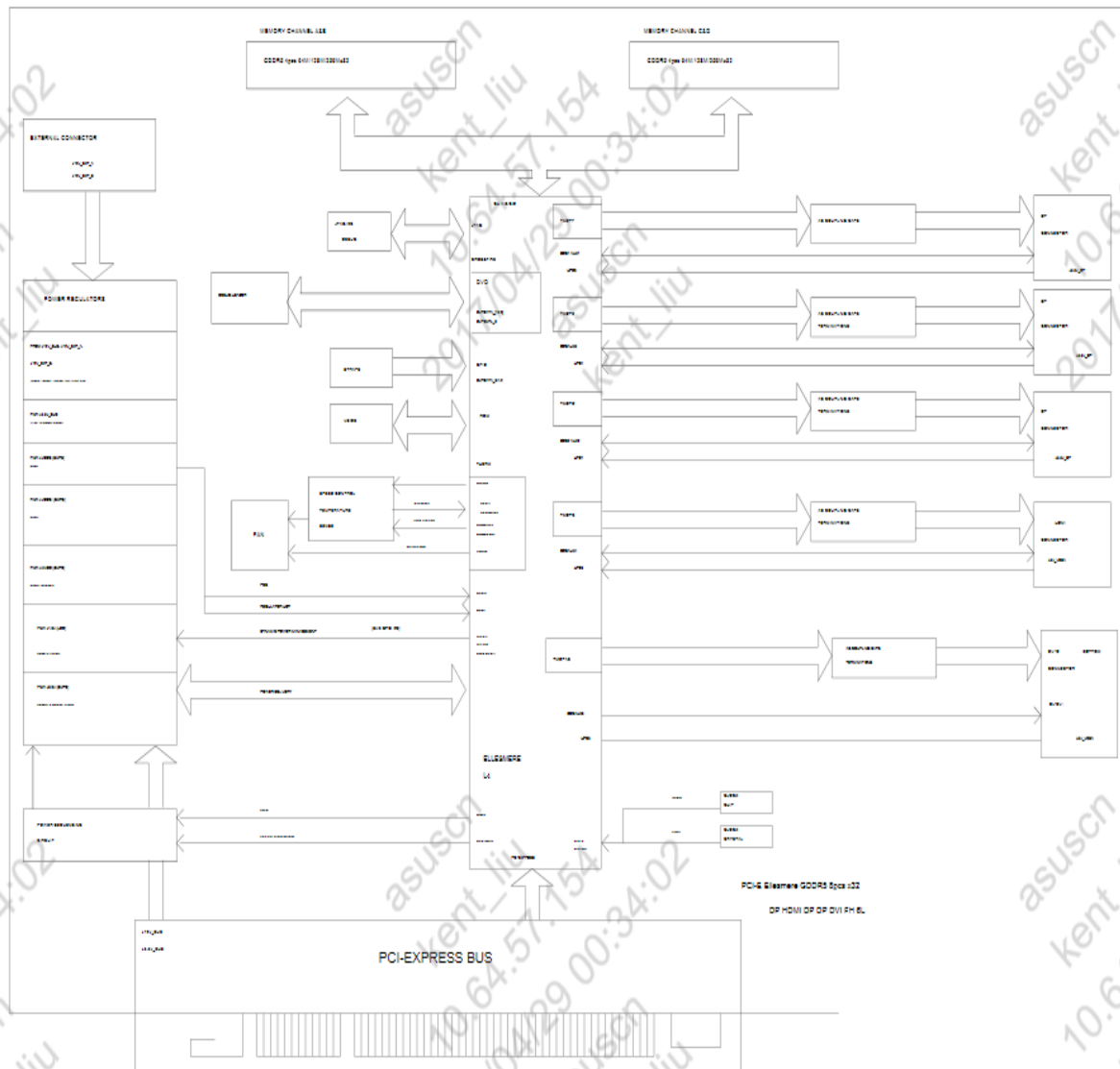
EX-RX570-4G & EX-RX570-O8G & EX-RX570-8G & EX-RX570-O8G



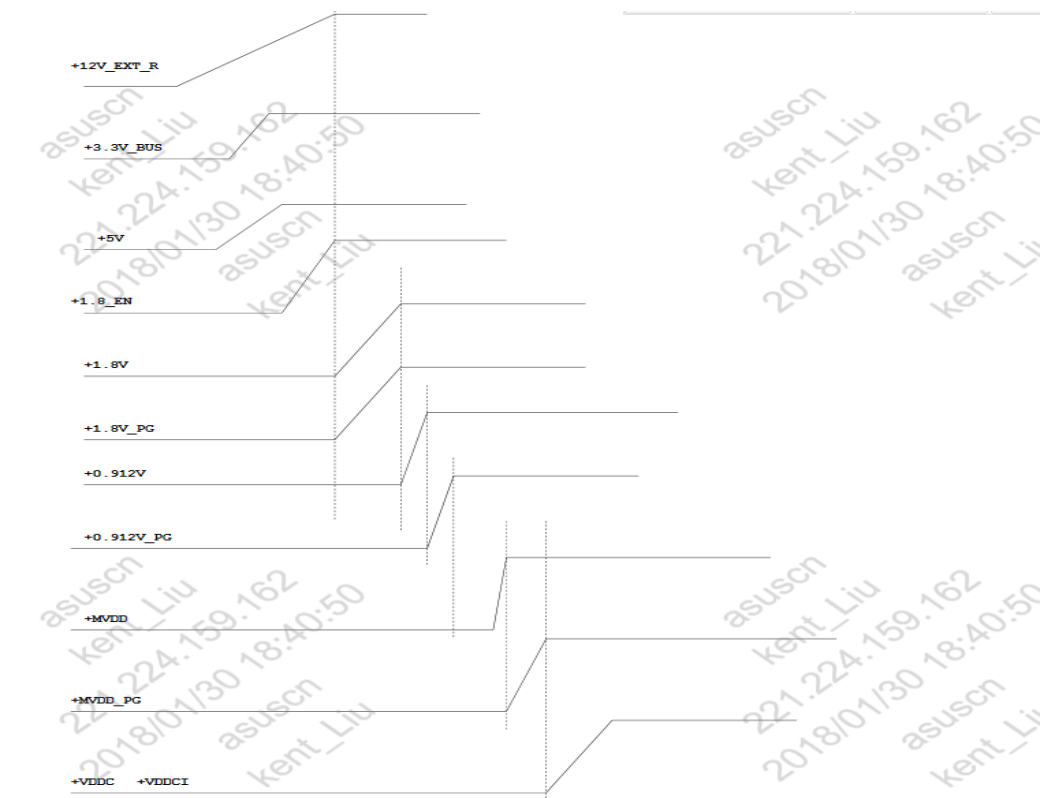
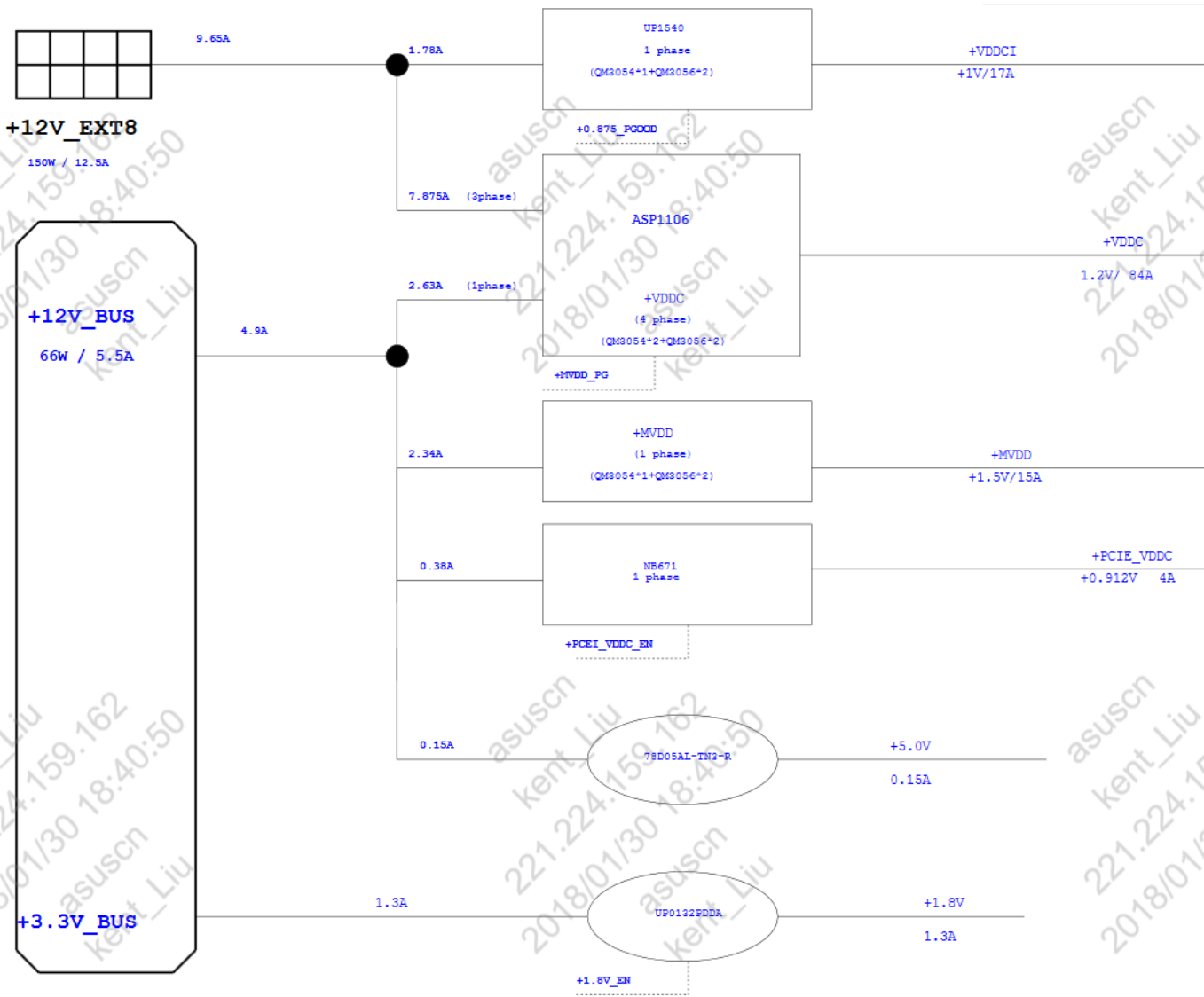


The diagram illustrates a multi-stage pipeline architecture. It begins with an 'Input' block, which feeds into a series of 'Stage' blocks. Each 'Stage' block has an 'Input' and an 'Output' label. The output of one stage feeds into the input of the next stage. The final stage feeds into an 'Output' block, which also has an 'Input' and an 'Output' label. Arrows indicate the flow of data from left to right through the stages.

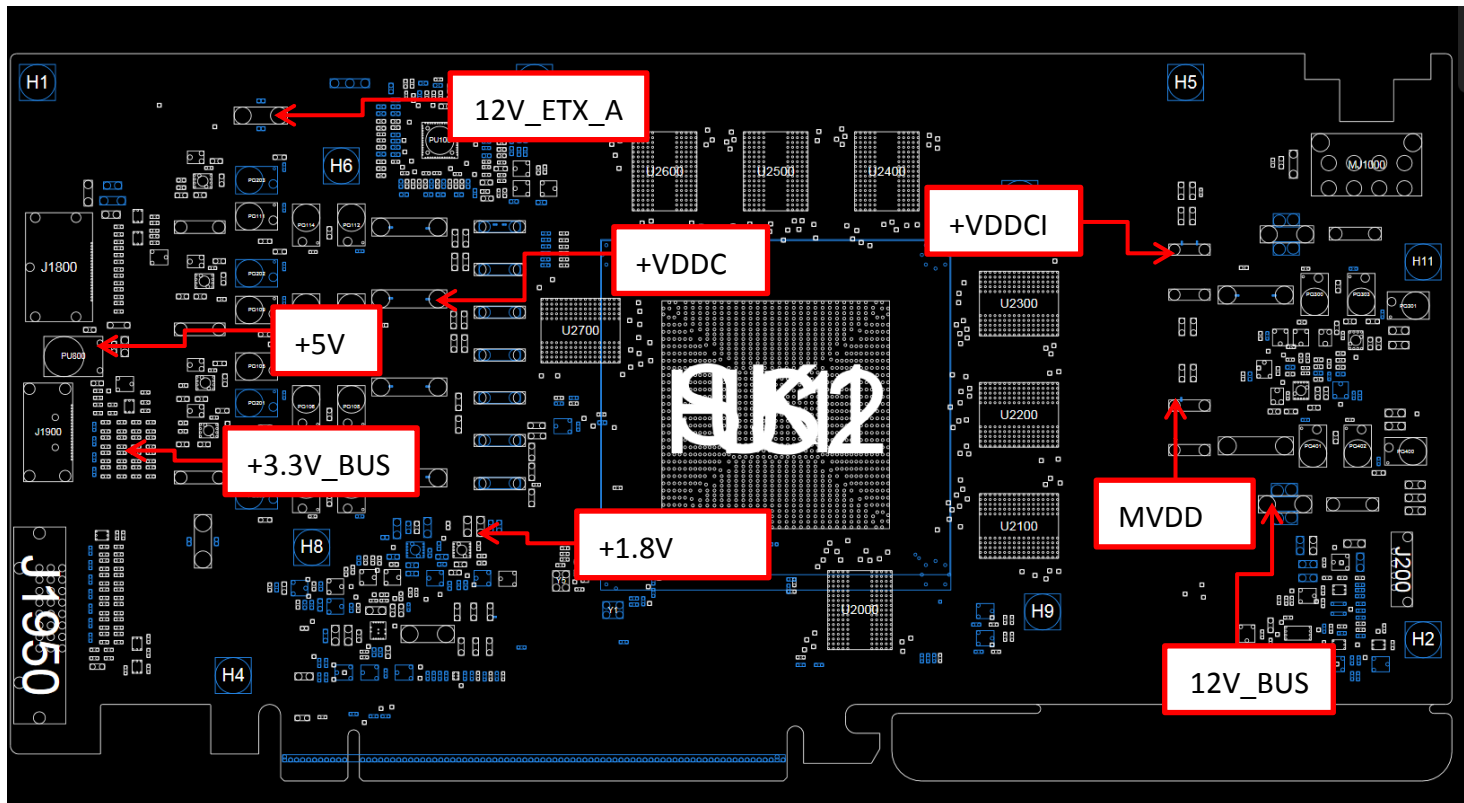
(25) BLOCK DIAGRAM



POWER FLOW

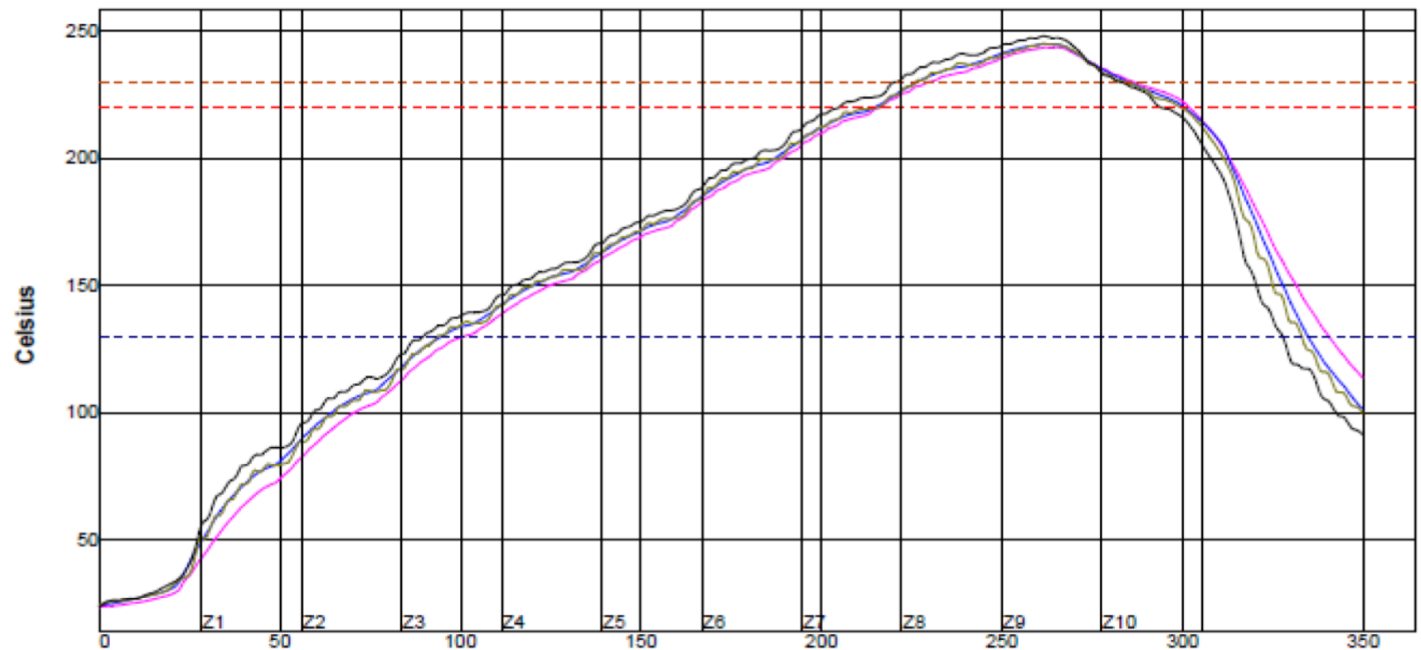


VOLTAGE MEASURE POINT



BGA REFLOW PROFILE

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%	115.35	71%	85.97	84%	243.84	35%	67.38	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	46%
L7 - 2	2.35	-8%	-3.75	-38%	115.18	71%	88.37	85%	248.28	83%	69.38	58%
Delta	0.55		1.08		6.35		4.85		4.44		8.00	