

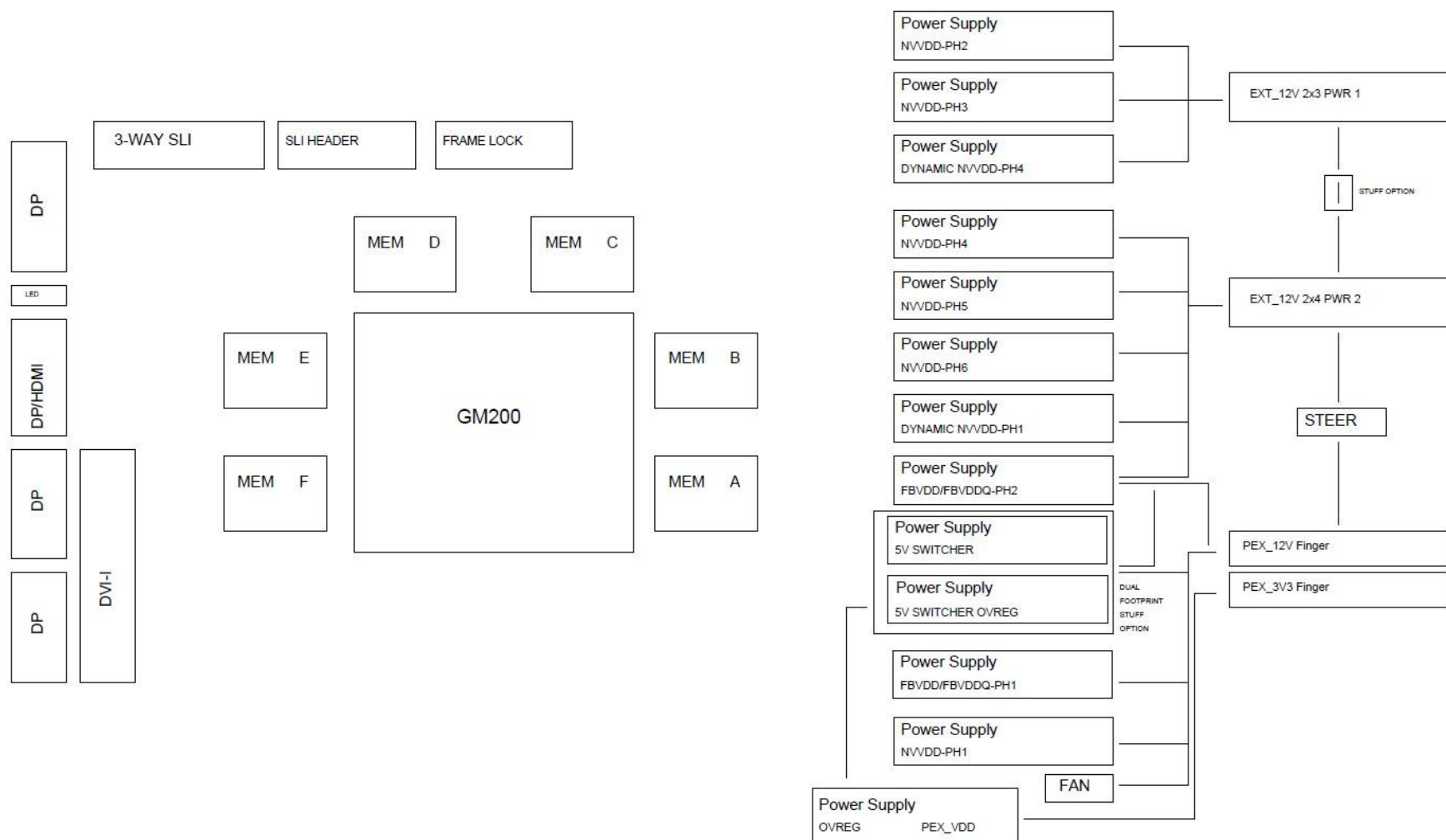
GTX980 (CG600P2) Repair Guide

Aug/20/2015

Mao

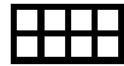
GTSD

BLOCK DIAGRAM

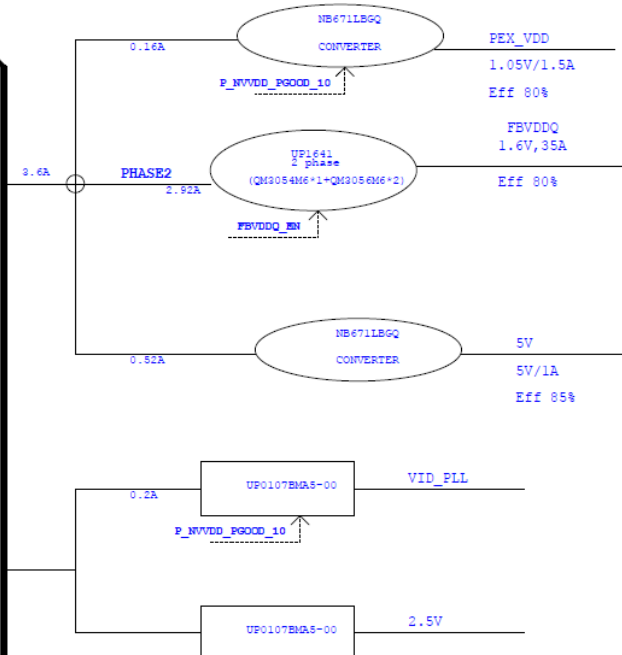
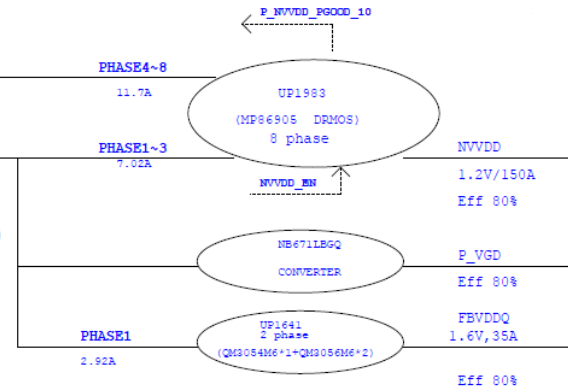
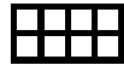


POWER FLOW

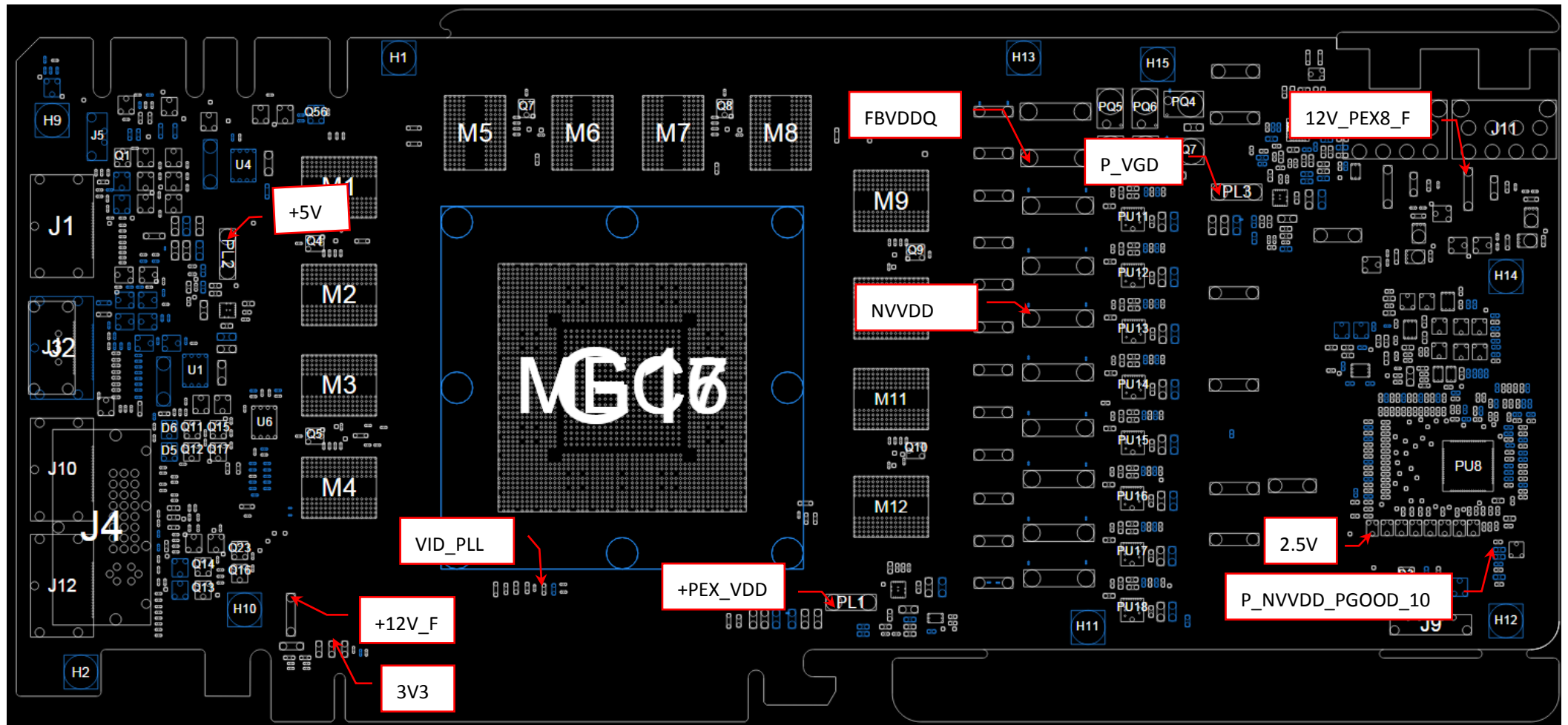
12V PEX8 F
(150W, 12.5A max)



12V PEX6 F
(150W, 12.5A max)

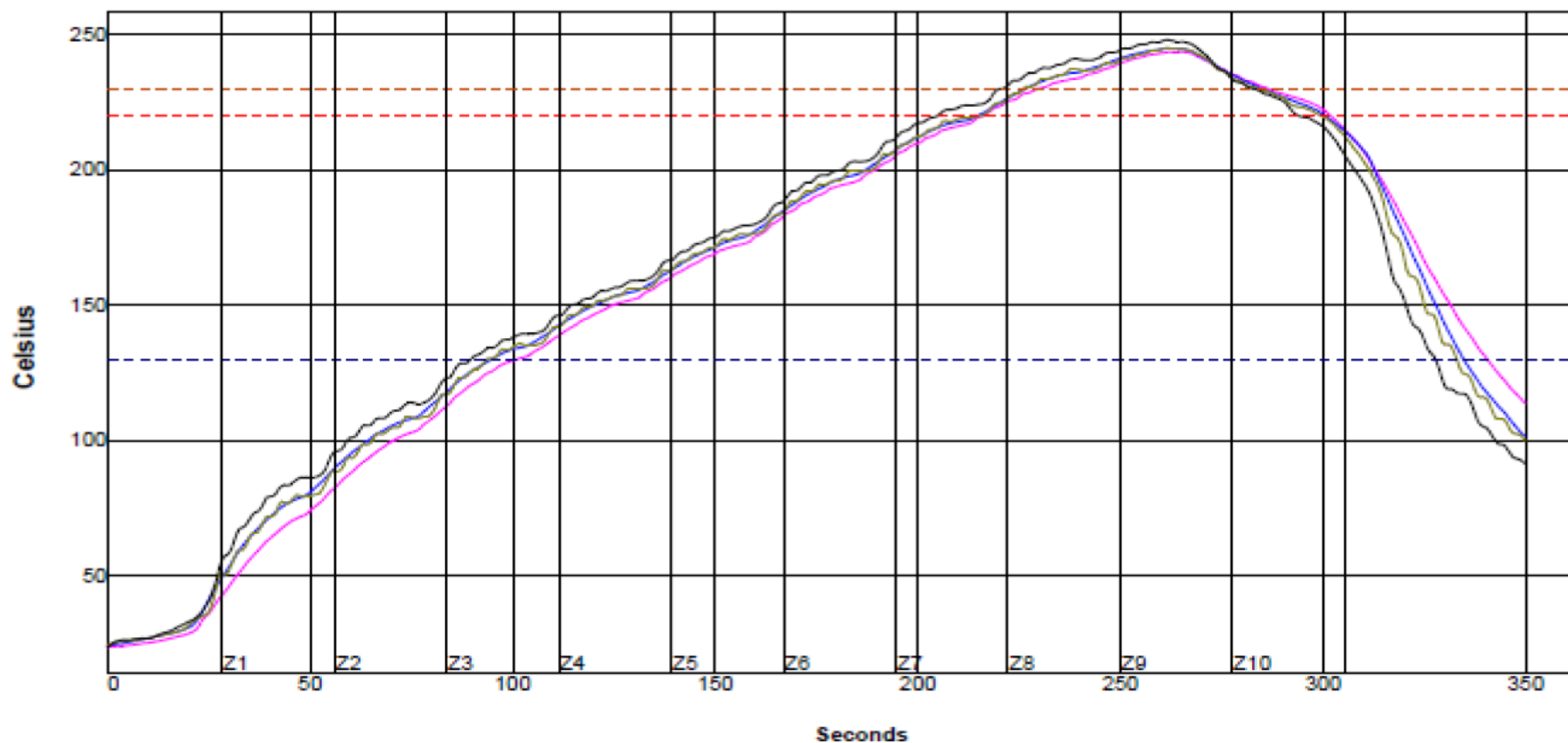


Voltage Measure Point



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										



PWt= 86%	Max Rising Slope		Max Falling Slope		Preheat 130-220C		Reflow Time /230C		Peak Temp		Tot Time /230C	
U4 CEN - 1	1.80	-28%	-2.89	16%	116.96	71%	86.87	84%	243.84	38%	67.96	49%
M2 - 1	2.07	-17%	-3.28	-13%	120.00	78%	86.84	83%	246.08	61%	68.78	47%
J7 - 2	2.16	-14%	-3.41	-21%	121.61	80%	84.73	78%	246.34	63%	68.12	46%
L7 - 2	2.36	-8%	-3.76	-38%	116.18	71%	88.37	86%	248.28	83%	83.88	68%
Delta	0.66		1.08		8.36		4.85		4.44		8.00	