EAH6570 (C331P2) Repair Guide

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ASUS Model name	EAH6570/DI/1GD3
ASUS P/N	80-C1CQSK-L0A01
Graphics Engine	ATI Radeon HD 6570
GPU P/N	02G050007001
Bus Standard	PCI Express 2.1
Video Memory	GDDR3 1GB
Engine Clock	650 MHz
Memory Clock	1600 MHz (1800 MHz GDDR3)
RAMDAC	400 MHz
Memory Interface	128-bit

Page1. Basic Information about the Model

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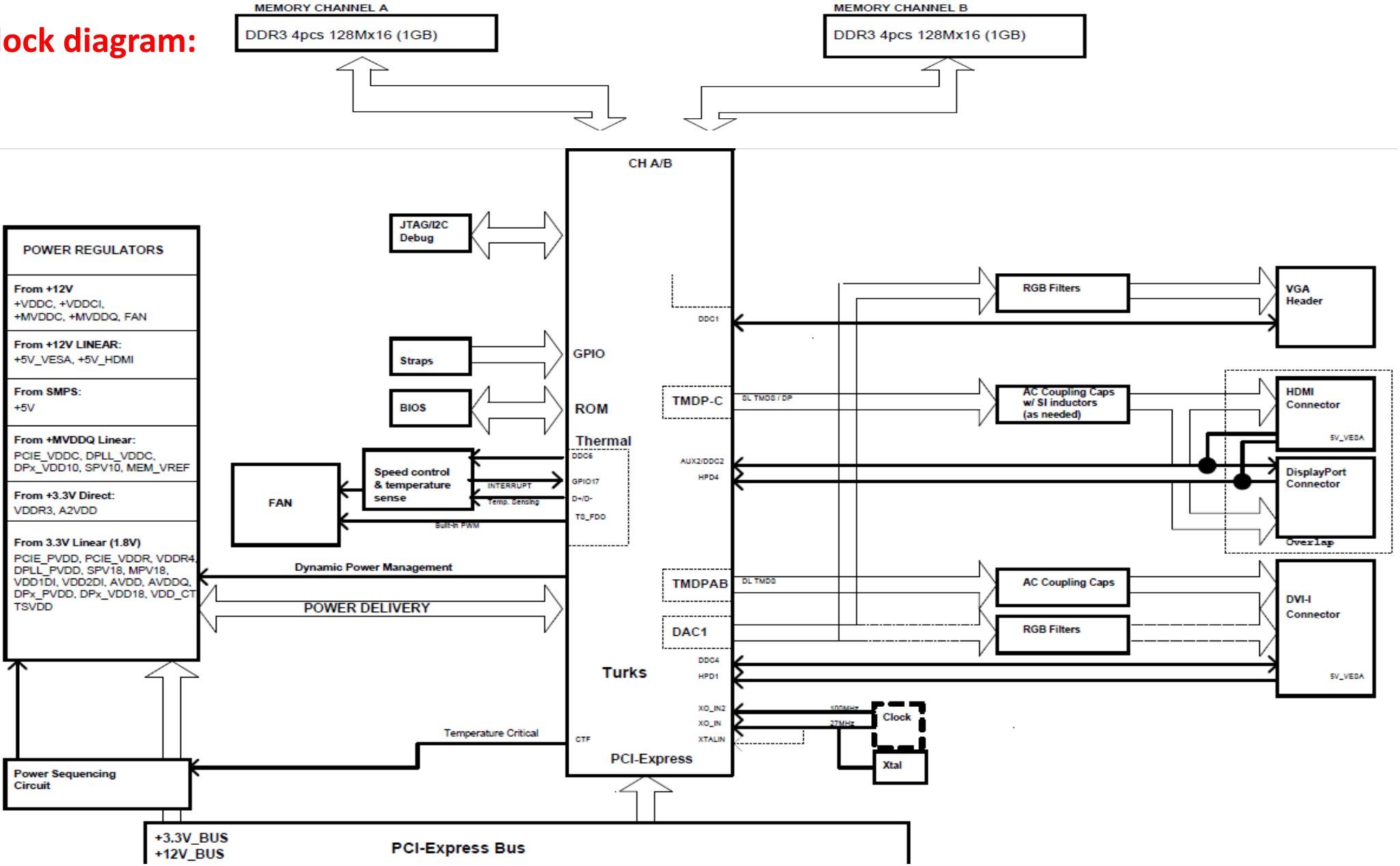
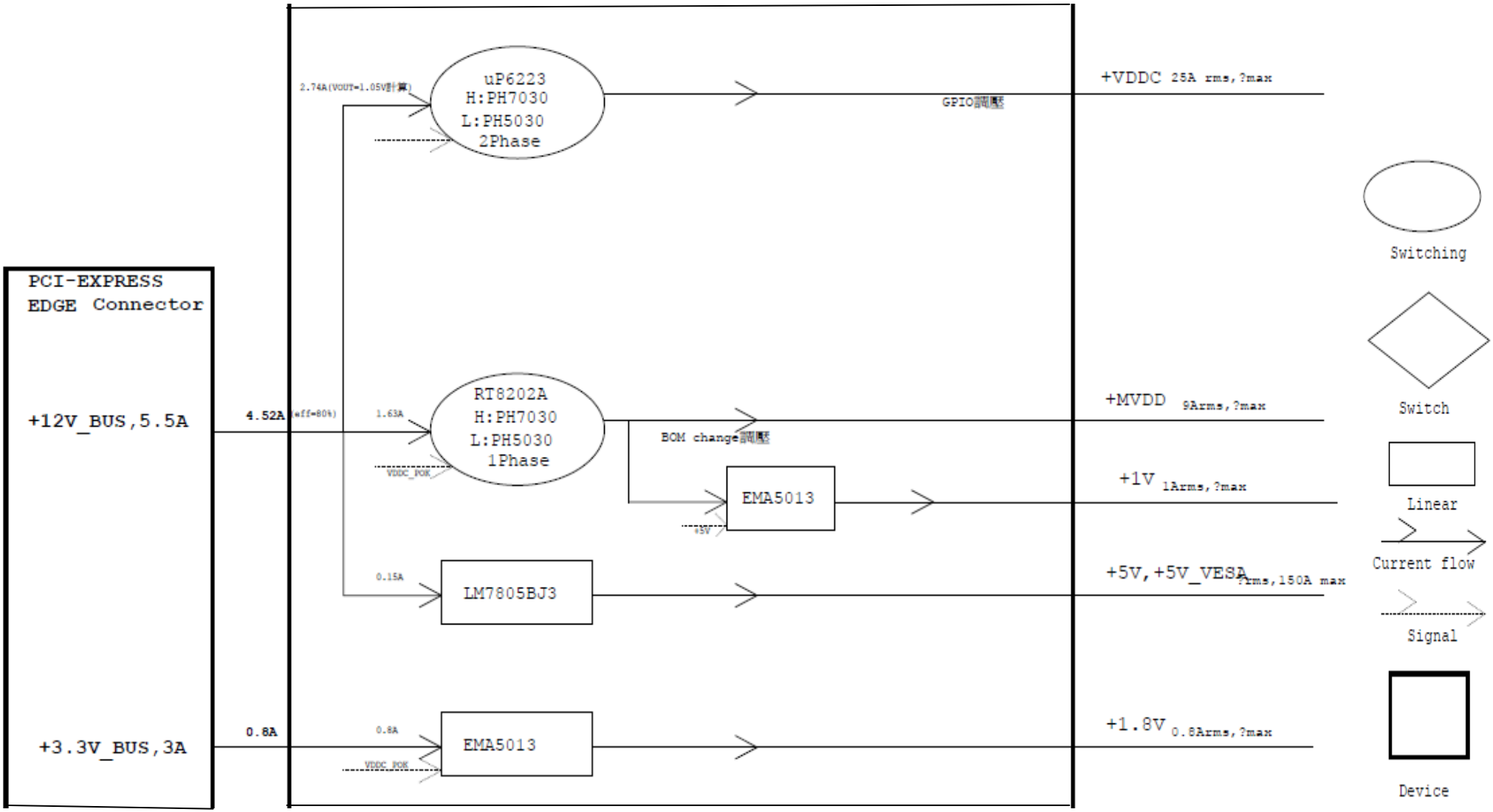
Page6. Important Signal map (Bottom side)

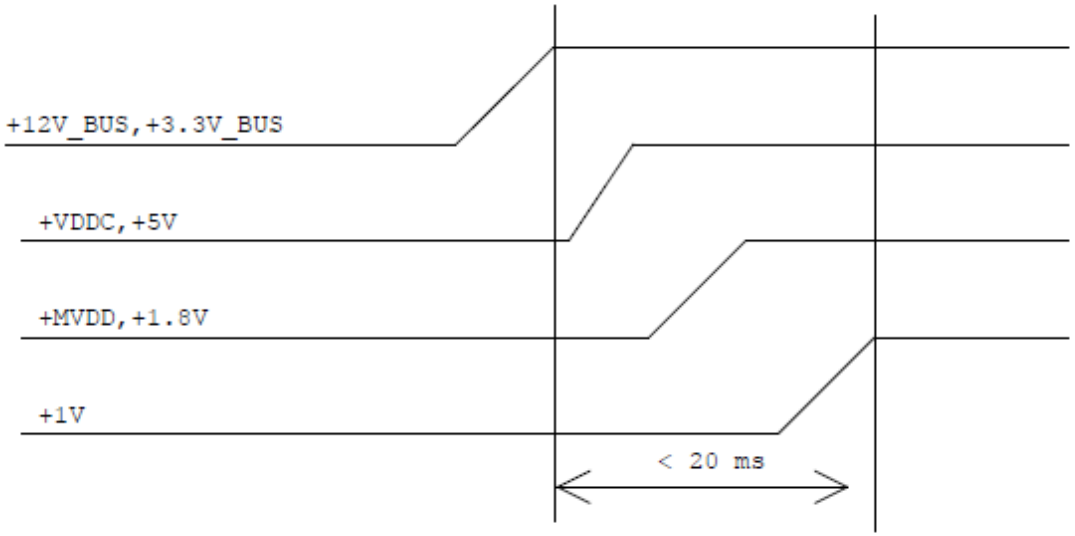
Block diagram:

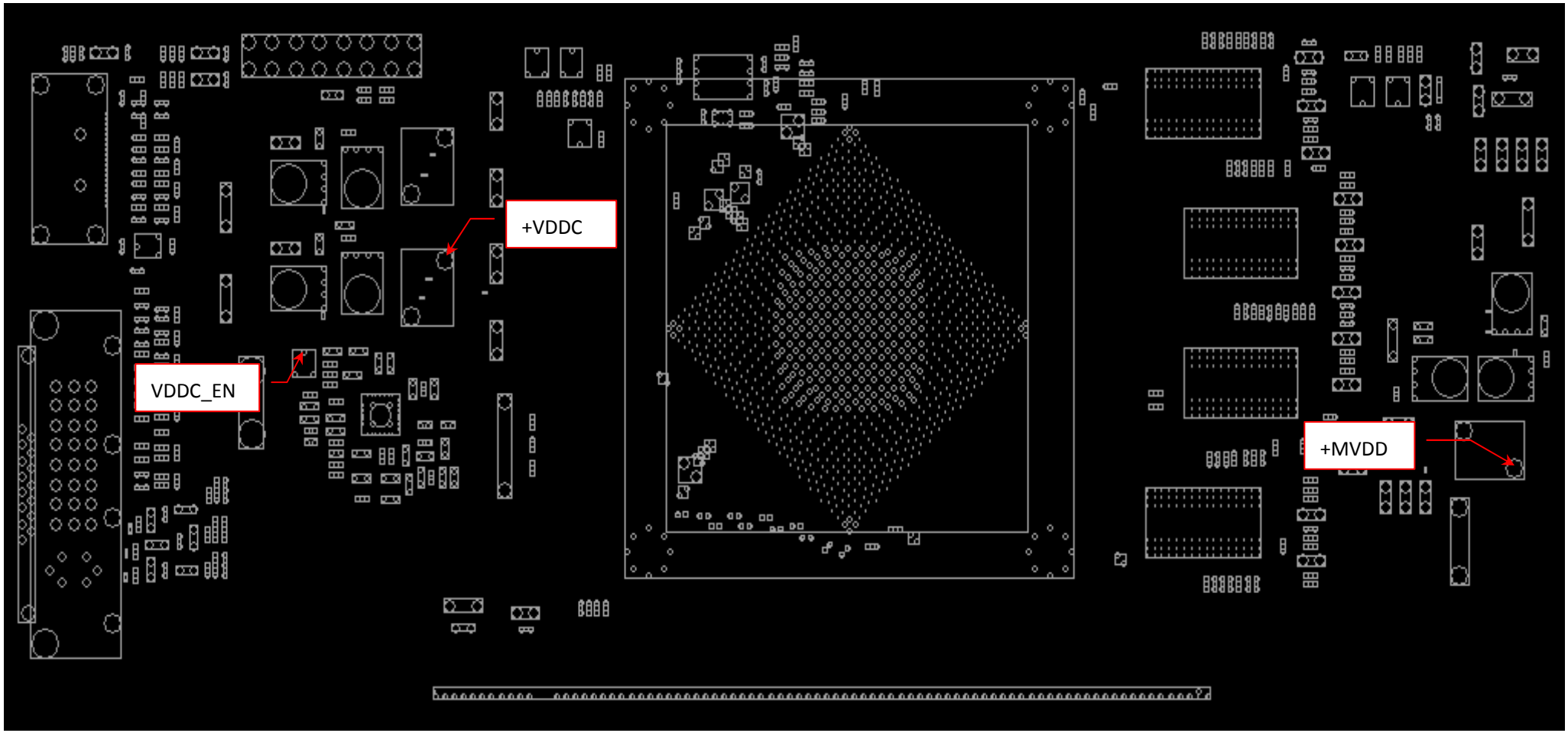


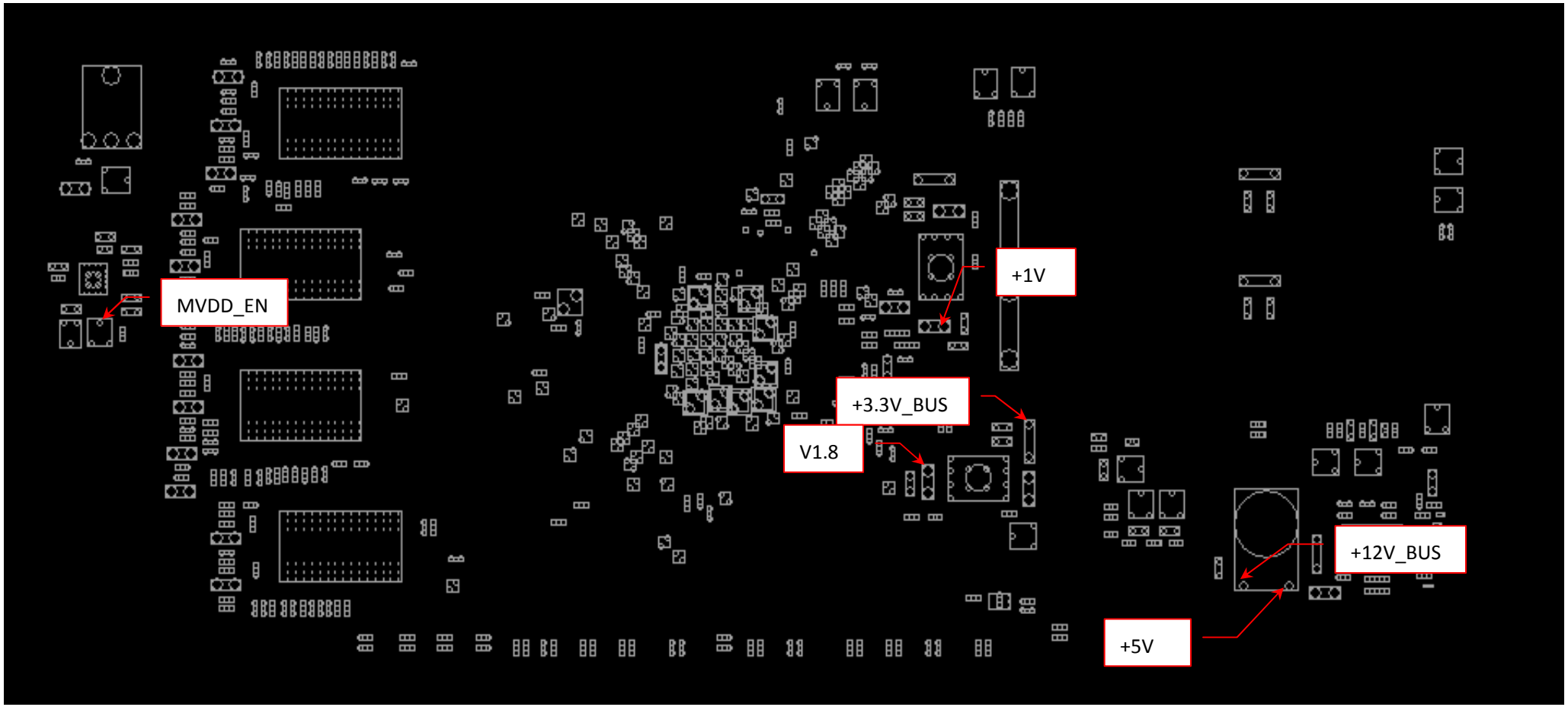
Power Flow:


PCI-EXPRESS
EDGE Connector
+12V_BUS,5.5A
+3.3V_BUS,3A
4.52A
0.8A
2.74A(VOUT=1.05V計算)
1.63A
0.8A
0.15A
uP6223
H:PH7030
L:PH5030
2Phase
RT8202A
H:PH7030
L:PH5030
1Phase
EMA5013
LM7805BJ3
EMA5013
GPIO調壓
BOM change調壓
VDDC_POK
VDDC_POK
+VDDC 25A rms,?max
+MVDD 9Arms,?max
+1V 1Arms,?max
+5V,+5V_VESA 7Arms,150A max
+1.8V 0.8Arms,?max
Switching
Switch
Linear
Current flow
Signal
Device

Power Sequence:




+VDDC
VDDC_EN
+MVDD


MVDD_EN
+1V
+3.3V_BUS
V1.8
+12V_BUS
+5V