

EAH4890 Repair Guide

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Aray_Chen

CSC-GRMA

Vendor Kit	B790
ASUS model name	EAH4890/HTDI/1GD5(B790)
PCB rev.	ATX R1.00
p/n	80-C1CMS0-L0A01
Chip	RV790 Normal GPU
GPU p/n	02G050003600
Memory	32M*32 -0.5 GDDR5*8pcs (1GB---256 bit)GPU(256bit)
Memory p/n	03G15164J110 / Qimonda
CoreClock	850
MemoryClock	3900

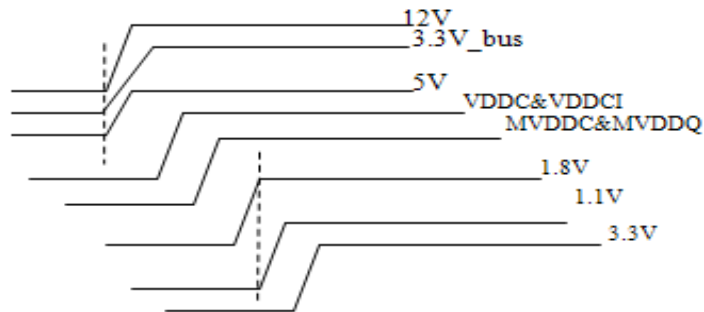
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Power sequence



POWER REGULATORS

From +12V

+VDDC (MPVDD, VDDCI), +MVDD (MVDDC, VDDR1/VDDRH), VDDM

From +12V LINEAR:

+5V, +5V_VESA,
+5V_VESA2,

From +12V DIRECT:

FAN

From +3.3V:

Direct or Linear (1.8V)

VDD_CT, DPLL_PVDD, TPVDD,
T2PVDD, TXVDDR, T2XVDDR/
T2XVDDC, AVDD, VDD1DI,
VDD2DI, PCIE_VDDR, PCIE_PLL,
VDDR4, VDDR5
VDDR3, A2VDD, PCIE_PVDD
Option for VDDCI

From MVDDC to Linear (+1.1V):

PCIE_VDDC, DPLL_VDDC

From MVDDC to Linear (+VDDCI_LDO):

Option for VDDCI, MPVDD

+PCIE_SOURCE

+3.3V_BUS

+12V_BUS

Power flow

