HD7990 (C387PI) Repair Guide

ASUS Model name	ARES II-HD7990-6GD5-2D4S
ASUS P/N	60YV03H0-VG0A03
Graphics Engine	Redeon HD7990
GPU P/N	02002-00060300
Bus Standard	PCI Express3.0
Video Memory	GDDR5 6GB
Engine Clock	1000 MHz
Memory Clock	1250 MHz
Memory Interface	384-bit

Page1. Basic Information about the Model

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Power Flow

```
12V_EXTA
11.78A (Vcore @140A)
12.78A (Vcore @160A)          +VDDCI _G2
                              +VDDC_G1 (5PHASE)

12V_EXTB
12.9A (Vcore @140A)           +VDDC_G1 (3PHASE)
8.4A  (Vcore @160A)
                              +0.95V_G1_G2

                              +0.9V_PLX

                              +VDDC_G2 (3PHASE)

12V_EXTC
12.7A (Vcore @140A)           +VDDC_G2 (5PHASE)
11.5A  (Vcore @160A)
                              +MVDD_G2

12V_EXTD
0 A (Vcore @140A)
10.1A  (Vcore @160A)
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```
                    +5V

+12V_BUS            +VDDCI_G1

                    +MVDD_G1

                    +1.8V_G1

+3.3V_BUS           +1.8V_G2

                    +1.8V_PLX
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+MVDD_G1

+5V

+VDDC_G1

+MVDD_G2

12V_BUS

+VDDCI_G1

+VDDCI_G2

+1.8V_G1

+1.8V_G2

+0.94V

+VDDC_G2

+3.3V_BUS

27M