Oct/27/2011 Medison_Huang CSC-GRMA

EAH6750 (C099PMI) Repair Guide

ASUS Model name	EAH6750/DI/1GD3/MG
ASUS P/N	60YV0122-VG0A01
Graphics Engine	ATI Radeon HD 6750
GPU P/N	02G050004401
Bus Standard	PCI Express 2.1
Video Memory	GDDR3 1GB
Engine Clock	700 MHz
Memory Clock	4000 MHz (1000 MHz GDDR3)
RAMDAC	400 MHz
Memory Interface	128-bit

Page1. Basic Information about the Model

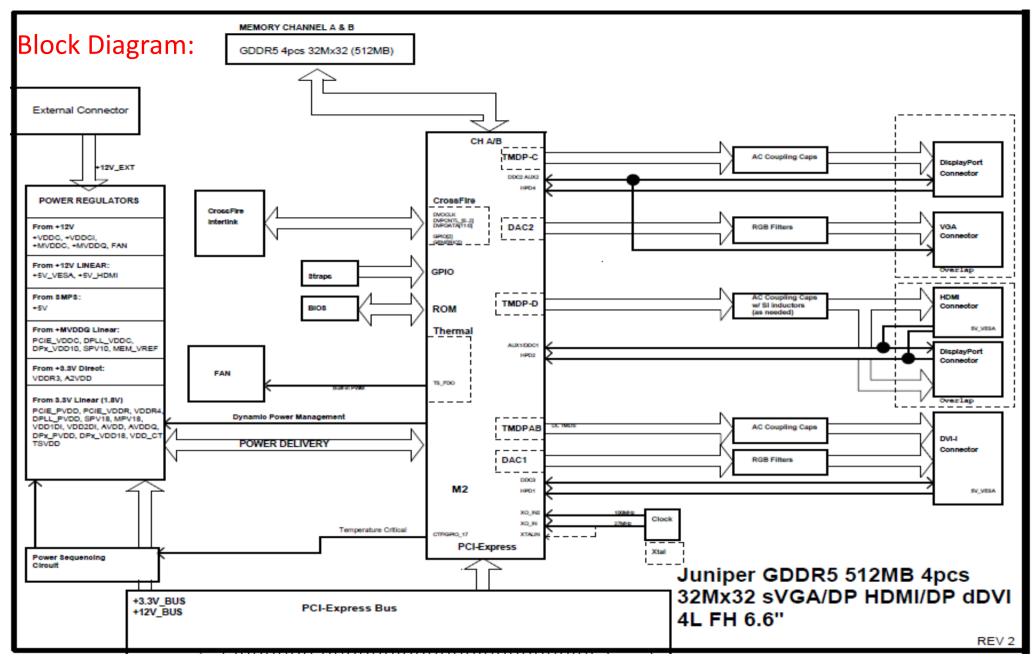
Page2. Block Diagram

Page3. Power Sequence

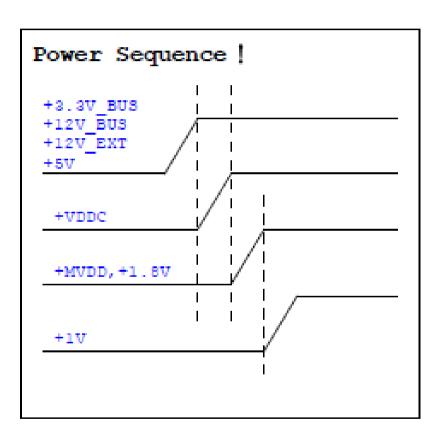
Page4. Power Flow

Page5. Important Signal map (Top side)

Page6. Important Signal map (Bottom side)



Power Sequence:



Power flow: Connector UP6223 35Arms.65 max H:PH7030*2 +VDDC@0.9V~1.1V 4A 4.2A +12V_BUS,5.5A L:PH5030*2 2Phase 0.2A . ?rms,100mA max +5V,+5V VESA LM7805BJ3 RT8202 (eff=80%) 1.5A +12V EXT, 6.25A H:PH7030*1 7Arms.10 max +MVDD@1.5V L:PH5030*1 PM考慮賣相,加EXT 1Phase lArms, 1.56Amax +1V RT9018B +1.8V lArms, 1.33Amax +3.3V_BUS,3A RT9018B*2

