Jan/19/2011 Medison_Huang CSC-GRMA

EAH6950 (C204PI)Repair Guide

ASUS Model name	EAH6950 DCII/2DI4S/2GD5
ASUS P/N	80-C1CQ80-S0A01
Graphics Engine	AMD Radeon HD 6950
GPU P/N	02G050006600
Bus Standard	PCI Express 2.1
Video Memory	GDDR5 2GB
Engine Clock	810 MHz
Memory Clock	5000 MHz (1250 MHz GDDR5)
RAMDAC	400 MHz
Memory Interface	256-bit

Page1. Basic Information about the Model

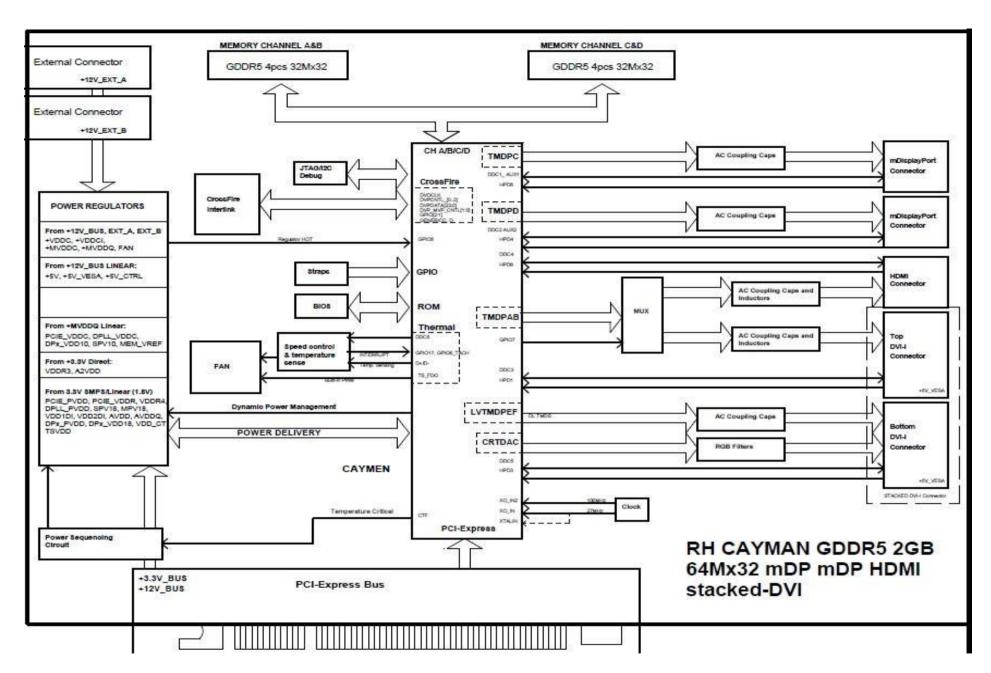
Page2. Block Diagram

Page3. Power Sequence and Power Flow

Page4. Power Sequence and Power Flow

Page5. Important Signal map (Top side)

Page6. Important Signal map (bottom side)



Power Flow Switch ON/OFF Switching Linear 2 phase Control signal Power Rail +12V_EXTA UP6218 8 phase +VDDC (PH7030*1+PH5030*2) 0.90~1.175V /160A +12V AU 6 phase +12V_EXTB VDDC_EN APW7165 1 phase +MVDD 1 phase 1.6V/16A+2A (PH7030*1+PH5030*2) +1.0V 2A UP7704 +VDDCI 1.0V/2A LDO_EN

