## P2010-A02

## 75W/100W GK107/GF108 128-BIT GDDR5 in x32/x16 MODE DVI-I-DL + DVI-D-DL/HDMI +mHDMI/DP



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8	GPU FB Decoupling
9	DACA VGA
10	IFPAB TMDS
11	IFPC mHDMI
12	IFPC DP
13	IFPEF TMDS
14	IFPE Long HDMI
15	Core Decoupling, GPU VDD_3V3
	gge

Power Supply I: Misc Power Power supply II:PEX\_VDD

12V EXT / 12V PEX Power Select Circuit

FBVDDQ NVVDD CTRL NVVDD MOS 2012/07/05 MS-V280-1.0 changed list

Page	Description
12	Remove colay DP (J1)
14	Remove colay HDMI (J5)
17	Remove 2pin fan control,add 4pin fan control X2,remove all bumper
18	Romove U501 PEX_VDD / U503 PEX_PLL / U3
21	Change FBVDDQ PWM to UP1529
21	Add PSI control circuit
22	Change PWM to 4-phase (ON Semiconductor/NCP5395GMNR2G)
25	Add 6262 voltage control circuit, thermal shutdown circuit and NVVDD power sequence



B C D E F

















































