8400GS (C872PI)Repair Guide

May/15/2012
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CSC-GRMA

ASUS Model name	8400GS-SL-512MD3-DI
ASUS P/N	60YV00N4-VG0A01
Graphics Engine	NVIDIA GT218
GPU P/N	02G190016720
Bus Standard	PCI Express 2.0
Video Memory	GDDR3512MB

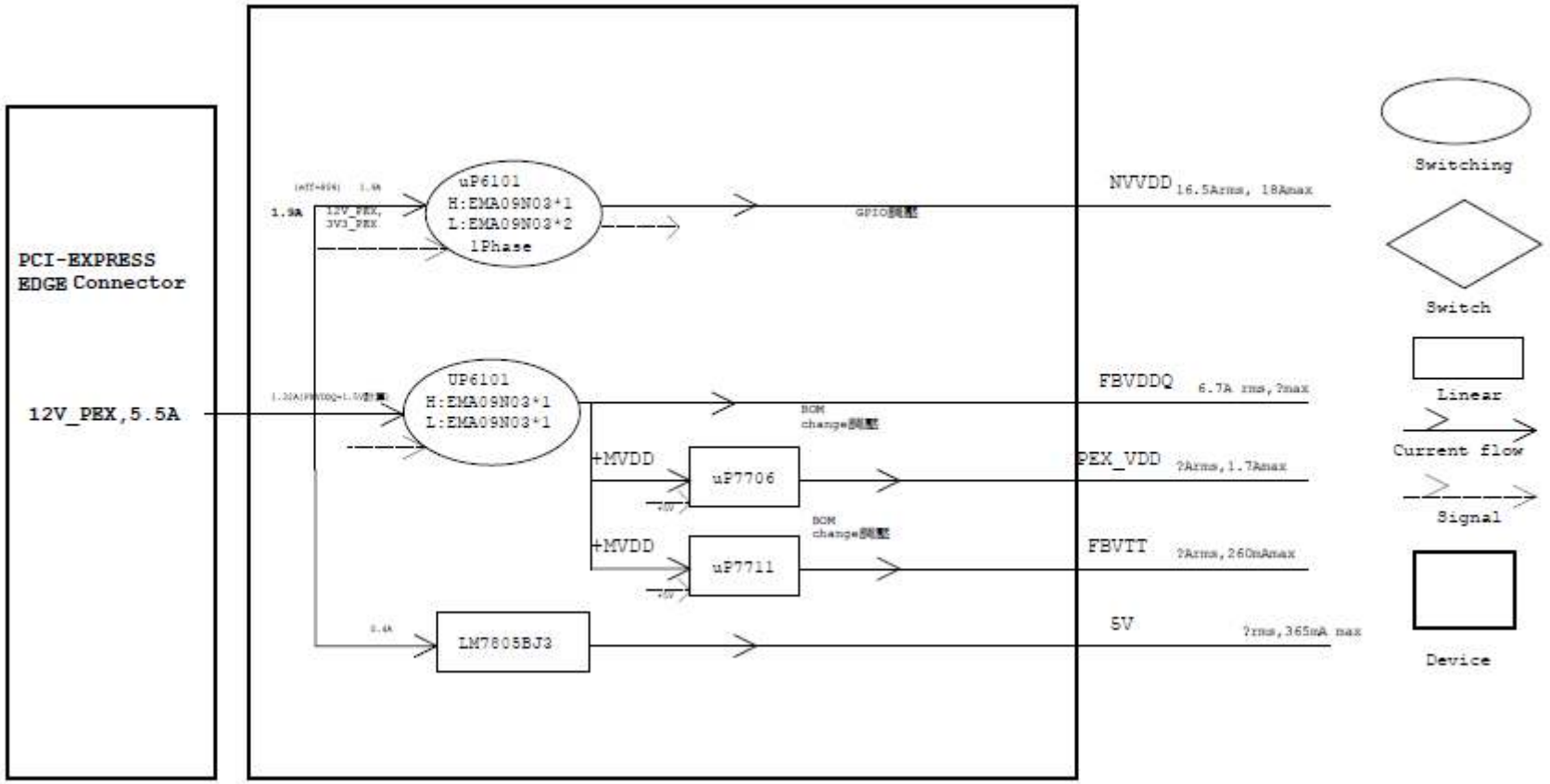
Page1. Basic Information about the Model

Page2. Power Flow

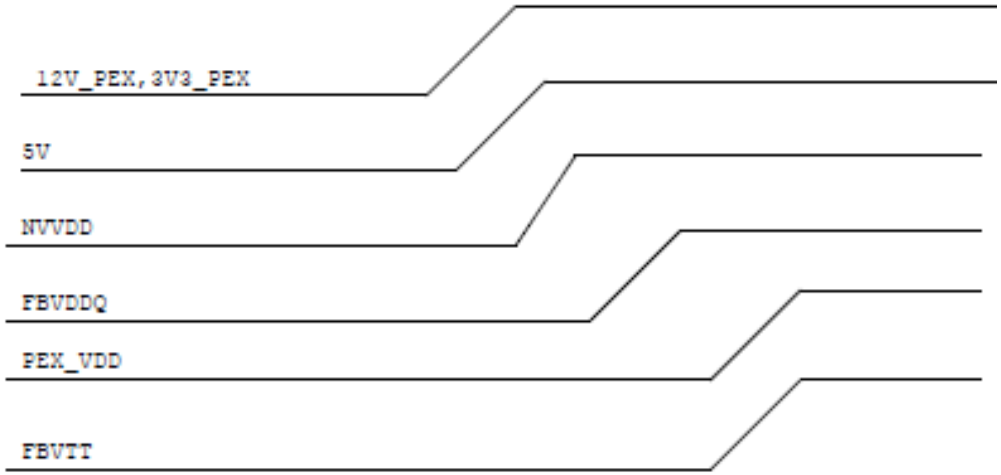
Page3. Power Sequence

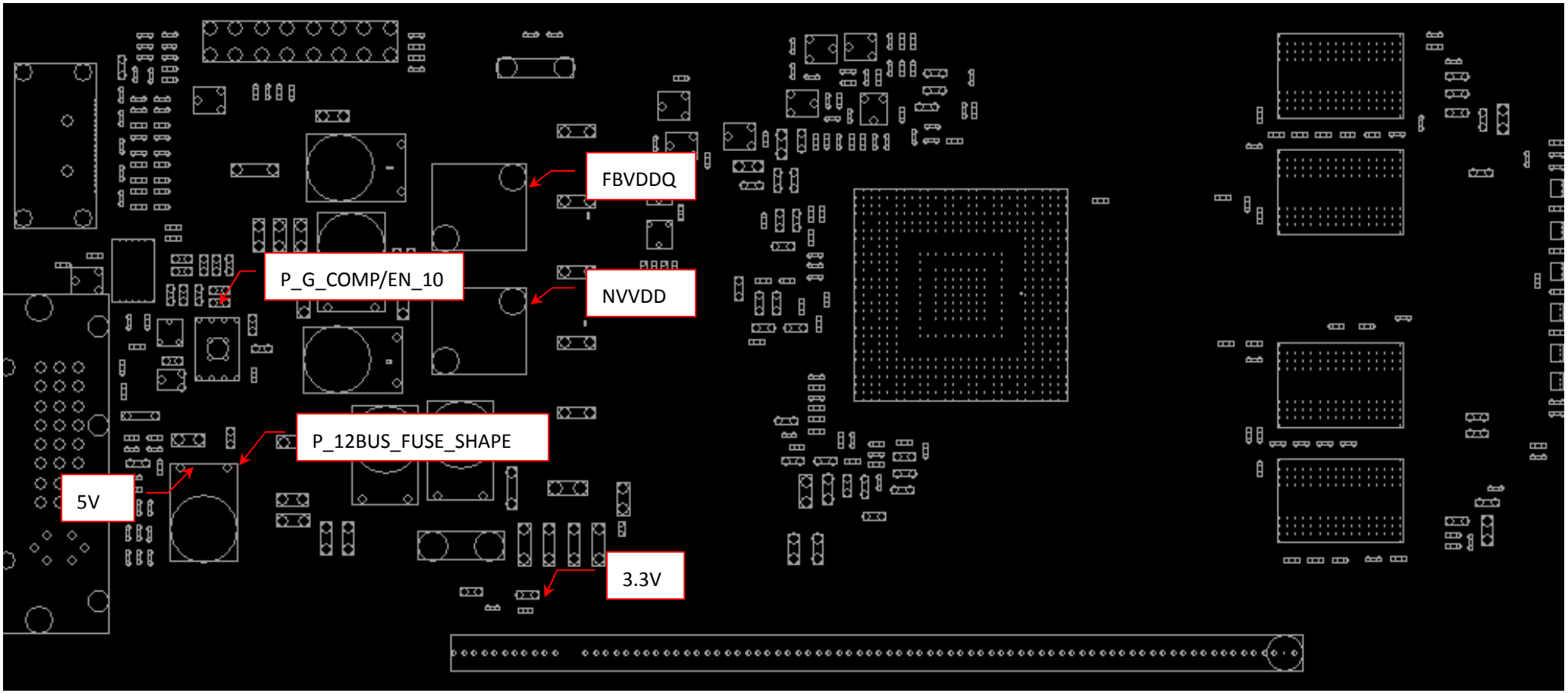
Page4. Important Signal map (Top side)

Power Flow:


PCI-EXPRESS
EDGE Connector
12V_PEX,5.5A
1.9A
12V_PEX,
3V3_PEX
uP6101
H:EMA09N03*1
L:EMA09N03*2
1Phase
NVVDD 16.5Arms, 18Amax
UP6101
H:EMA09N03*1
L:EMA09N03*1
FBVDDQ 6.7A rms, ?max
+MVDD
uP7706
PEX_VDD ?Arms,1.7Amax
+MVDD
uP7711
FBVTT ?Arms,260mAmax
LM7805BJ3
5V ?rms,365mA max
Switching
Switch
Linear
Current flow
Signal
Device

Power Flow:




FBVDDQ
P_G_COMP/EN_10
NVVDD
P_12BUS_FUSE_SHAPE
5V
3.3V