GT520(C1310M)Repair Guide

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ASUS Model name	GT520-SL-2GD3-DI
ASUS P/N	60YV0157-VG0A01
Graphics Engine	NVIDIA GeForce GT 520
GPU P/N	02G190019300
Bus Standard	PCI Express 2.0
Video Memory	GDDR31GB
Engine Clock	810 MHz
Memory Clock	1200 MHz (600 MHz GDDR3)
Memory Interface	64-bit

Page1. Basic Information about the Model

Page2. Power Flow

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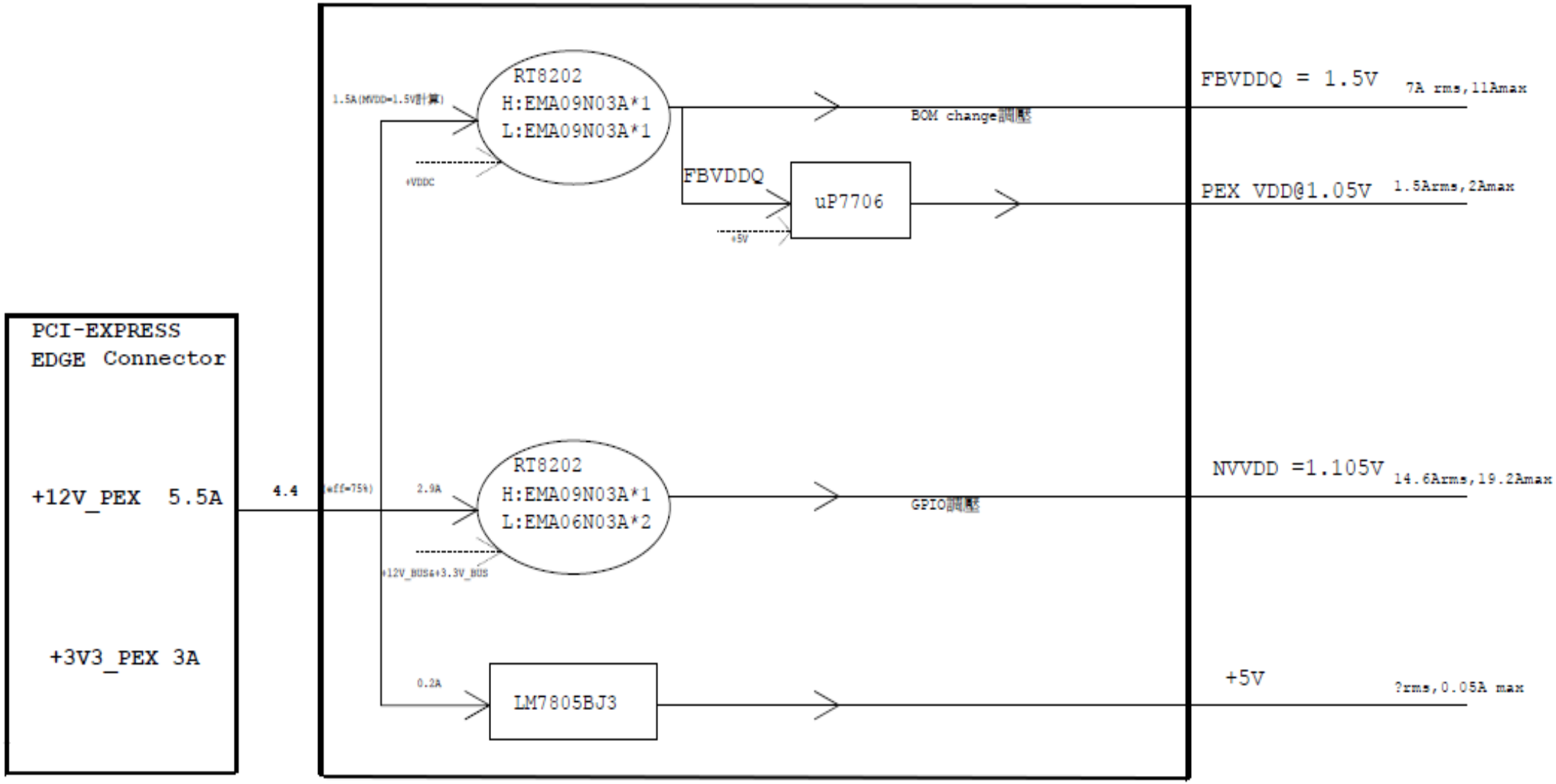
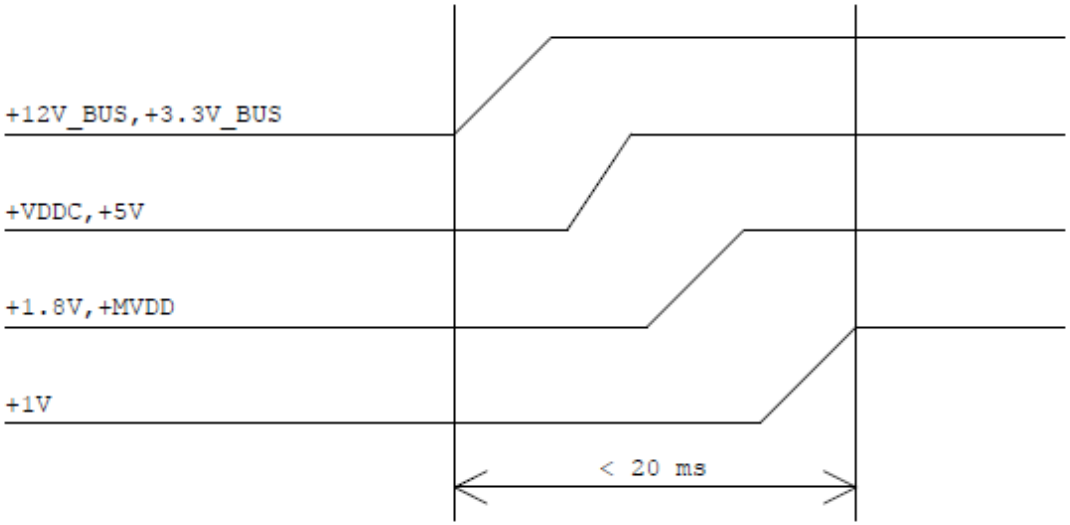
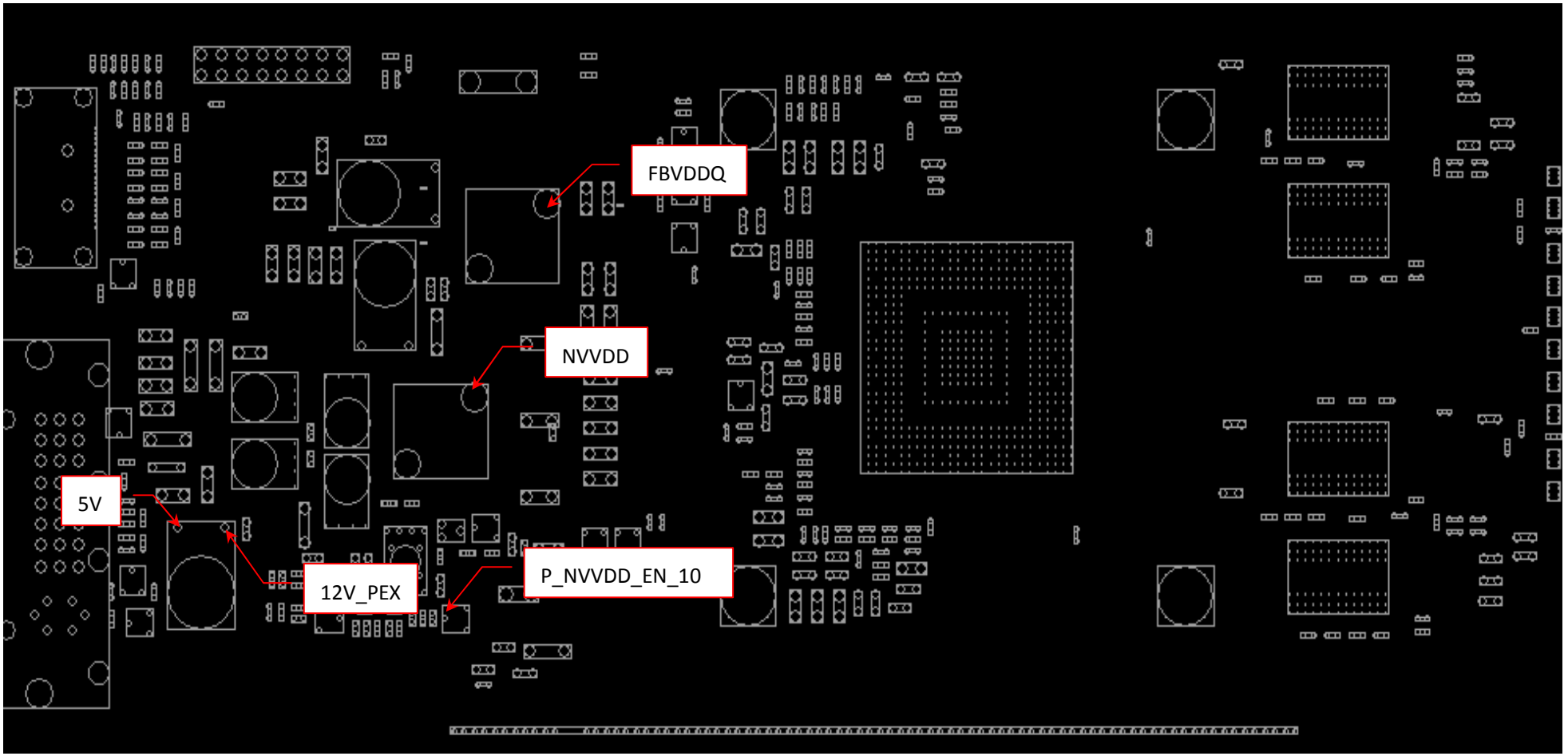
Power Flow:


PCI-EXPRESS
EDGE Connector
+12V_PEX 5.5A
+3V3_PEX 3A
4.4
RT8202
H:EMA09N03A*1
L:EMA09N03A*1
1.5A(MVDD=1.5V計算)
+VDDC
FBVDDQ
uP7706
+5V
BOM change調整
FBVDDQ = 1.5V
7A rms,11Amax
PEX VDD@1.05V
1.5Arms,2Amax
RT8202
H:EMA09N03A*1
L:EMA06N03A*2
2.9A
+12V_BUS&+3.3V_BUS
GPIO調整
NVVDD =1.105V
14.6Arms,19.2Amax
0.2A
LM7805BJ3
+5V
?rms,0.05A max

Power Sequence:




FBVDDQ
NVVDD
5V
12V_PEX
P_NVVDD_EN_10