ENGTX260 HTDI Repair Guide

Vendor Kit	C897P
ASUS model name	ENGTX260/HTDI/896M/A
PCB rev.	ATX R1.01
p/n	80-C1CMA5-M0A01
Chip	G200-103-B3
GPU p/n	02G190016310
Memory	16M*32 -1.0 GDDR3*14pcs (896MB---448 bit)GPU(448bit)
Memory p/n	03G151348019/SAMSUNG
CoreClock	576MHZ
ShaderClock	1242MHz
MemoryClock	2030MHZ

Power sequence

Power flow

3V3
12V
12V_PEX6_F1
12V_PEX6_F2

NVVDD

FBVDDQ
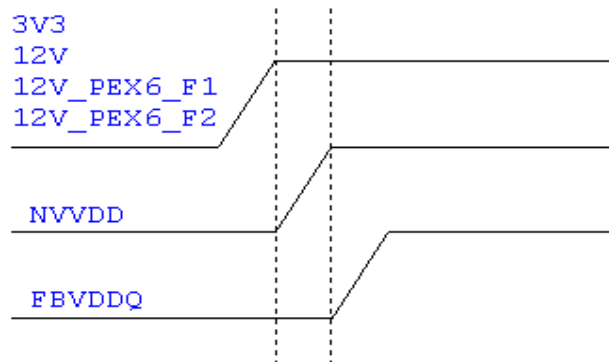
Other power doesn't care power on sequence, but when THERM_SHUTDOWN* is triggering, all of them must be pulled to low at the same time.

Switch ON/OFF   Switching   Linear

Control signal   Power Rail

12V_PEX6_F1

12V_PEX6_F2

12V

3V3

UP6206
4 phase
(EMB12N03*2+EMB06N03*2)

NVVDD 1.2V/100A

up6101
(EMB12N03*2+EMB06N03*2)

FBVDDQ
2.1V/25A

MPGC01-C123
RJK0355

1V15
6A

LM7805BJ3

5V
0.2A

UP7706

2V5
1.7A

UP7706

PEX_PLLVDD_OP   1.146V
0.12A