ENGTX285 TOP Repair Guide

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CSC-GRMA

Vendor Kit	C892P
ASUS model name	ENGTX285 TOP/HTDI/1GD3/A
PCB rev.	ATX R1.00
p/n	80-C1CMN0-L0A01
Chip	G200-350-B3
GPU p/n	02G190016311
Memory	16M*32 -0.77 GDDR3*16pcs (1GB---512 bit)GPU(512bit)
Memory p/n	03G15134J014/Hynix
CoreClock	669MHZ
ShaderClock	1550MHz
MemoryClock	2600MHZ

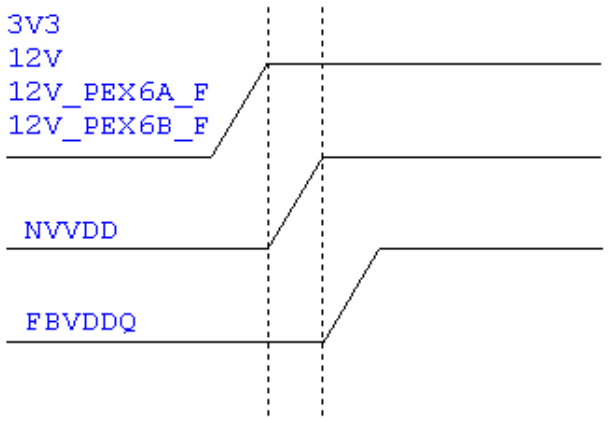
Page1. Basic Information about the Model

Page2. Power Sequence and Power Flow

Page3. Power Point Map (Top Side)

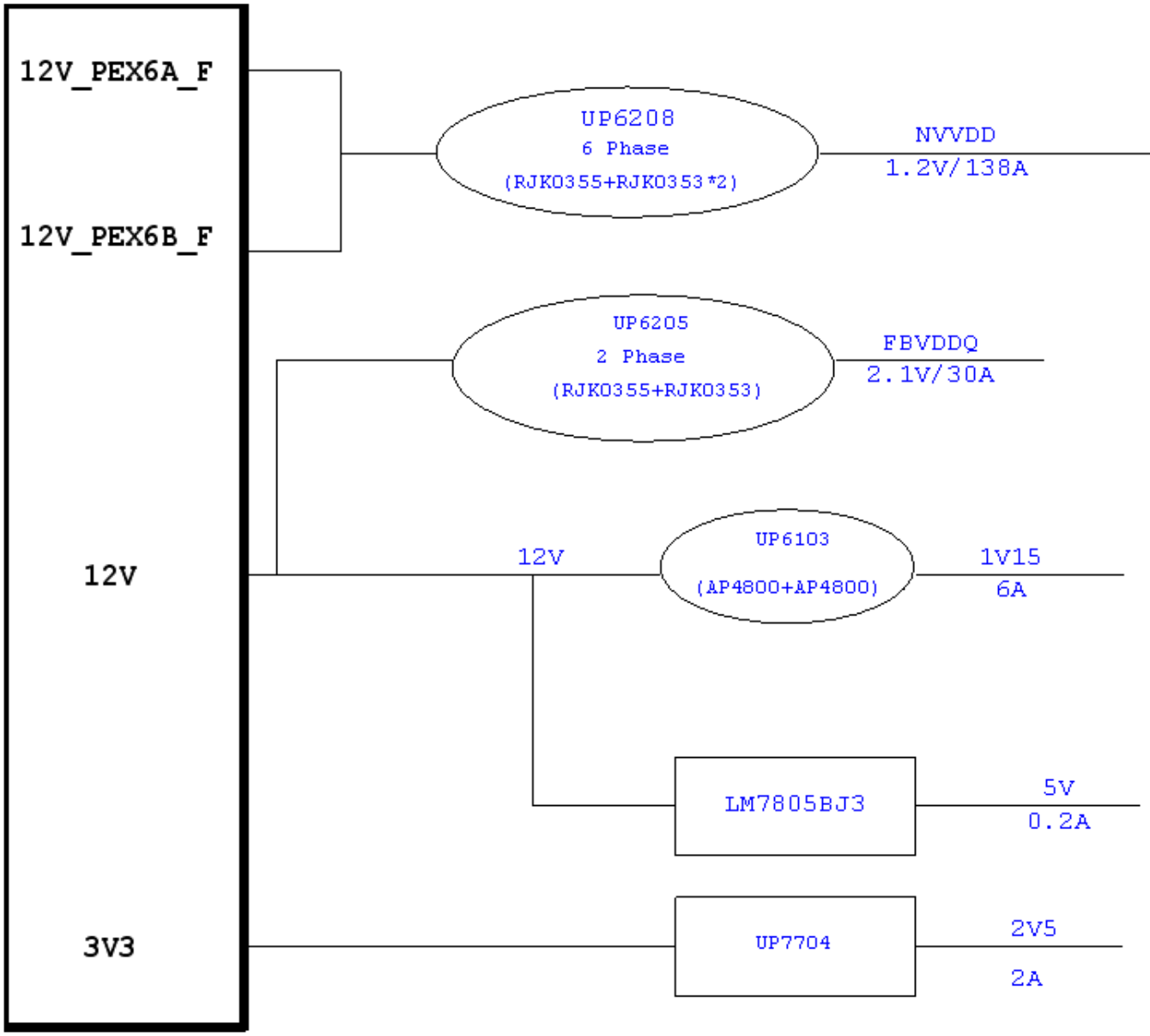
Page4. Power Point Map (Bottom Side)

Power sequence



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

Power flow



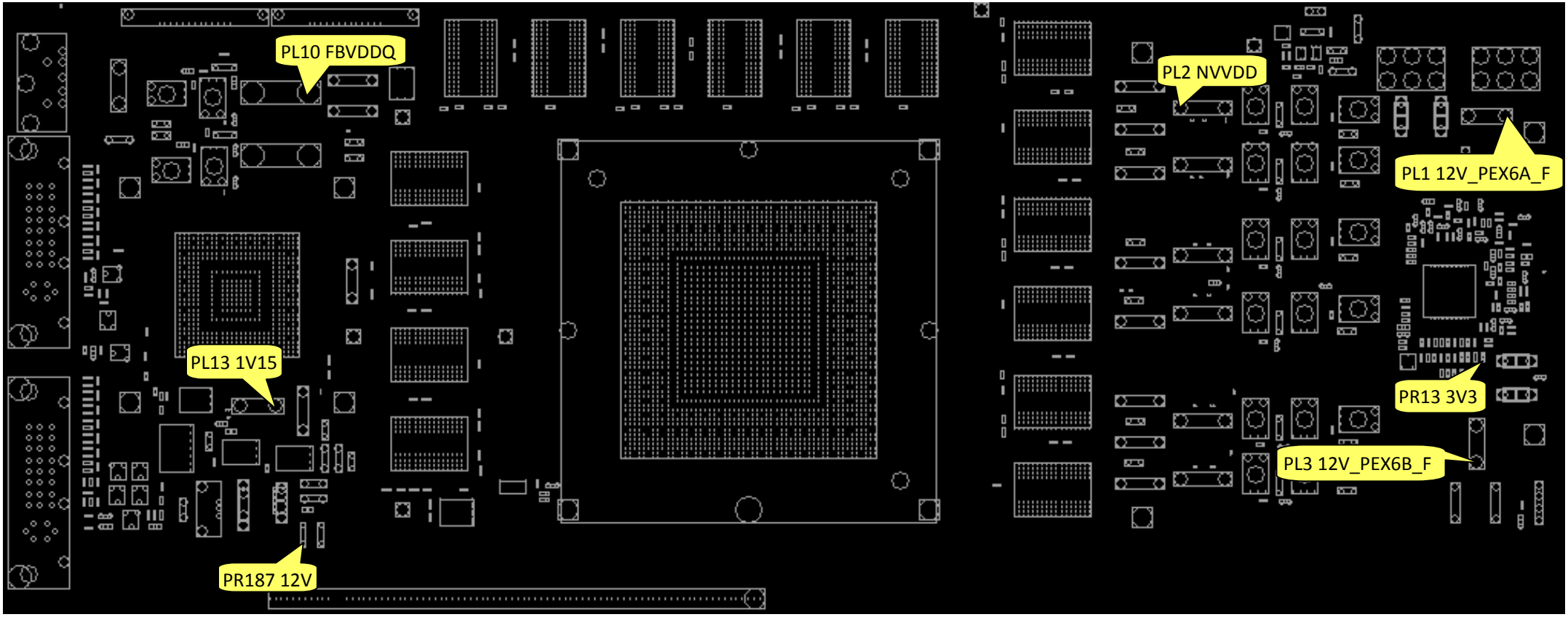
Switch ON/OFF

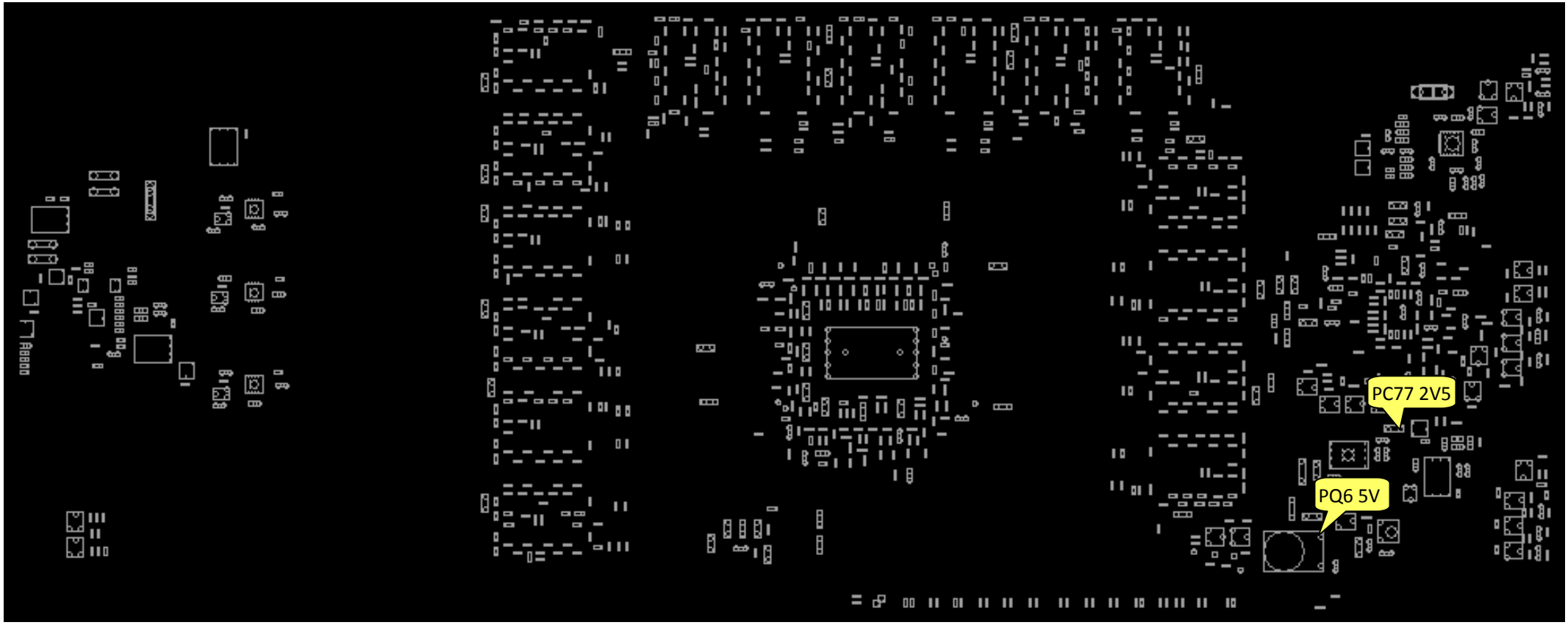
Control signal

Switching

Power Rail

Linear


PL10 FBVDDQ
PL2 NVVDD
PL1 12V_PEX6A_F
PL13 1V15
PR13 3V3
PL3 12V_PEX6B_F
PR187 12V


PC77 2V5
PQ6 5V