

ENGTX580 (C1261) Repair Guide

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ASUS Model name	ENGTX580/2DI/1536MD5
ASUS P/N	80-C1CQ45-W0A01
Graphics Engine	NVIDIA GeForce GTX 580
GPU P/N	02G190018701
Bus Standard	PCI Express 2.0
Video Memory	GDDR5 1536MB
Engine Clock	782 MHz
Memory Clock	4000 MHz (950 MHz GDDR5)
RAMDAC	400 MHz
Memory Interface	384-bit

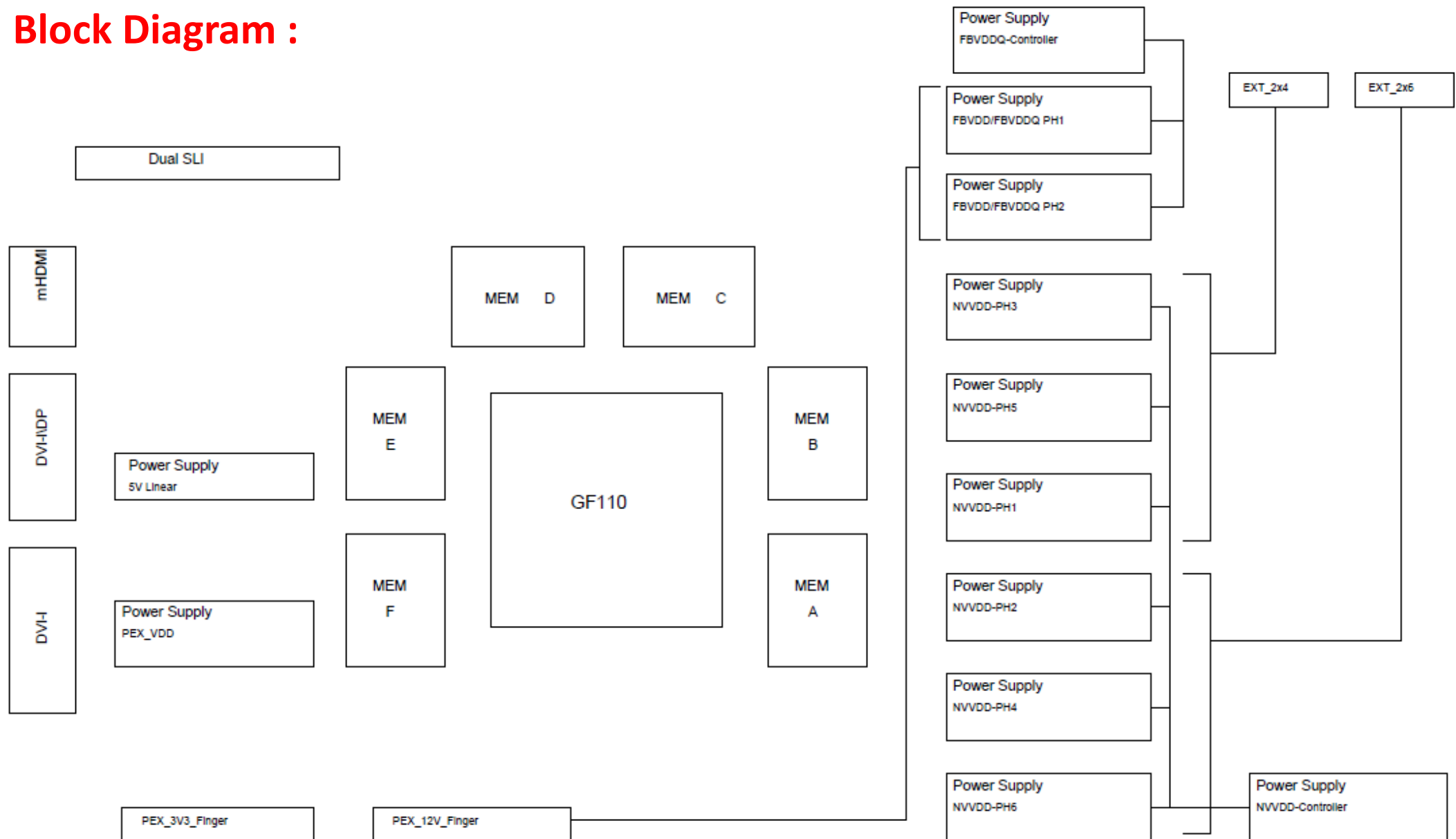
Page1. Basic Information about the Model

Page2. Block Diagram

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Block Diagram :



Power Sequence:

5V - Always On

3V3 - Always On

12V_F - Always On

12V_PEX6 - Always On

12V_PEX8 - Always On

FBVDD/FBVDDQ

PEX_VDD

2V5

NVVDD -Input_Pex_Power_Rail_Enable



NVVDD_PGOOD

+ Thermal_Shutdown

