

ENGT530(C1071P)Repair Guide

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ASUS Model name	ENGT530/DI/1GD3/DP
ASUS P/N	80-C1CQI0-L0A01
Graphics Engine	NVIDIA GeForce GT 530
GPU P/N	02G190018101DP
Bus Standard	PCI Express 2.0
Video Memory	GDDR3 1GB
Engine Clock	700 MHz
Memory Clock	1600 MHz (800 MHz GDDR3)
RAMDAC	400 MHz
Memory Interface	128-bit

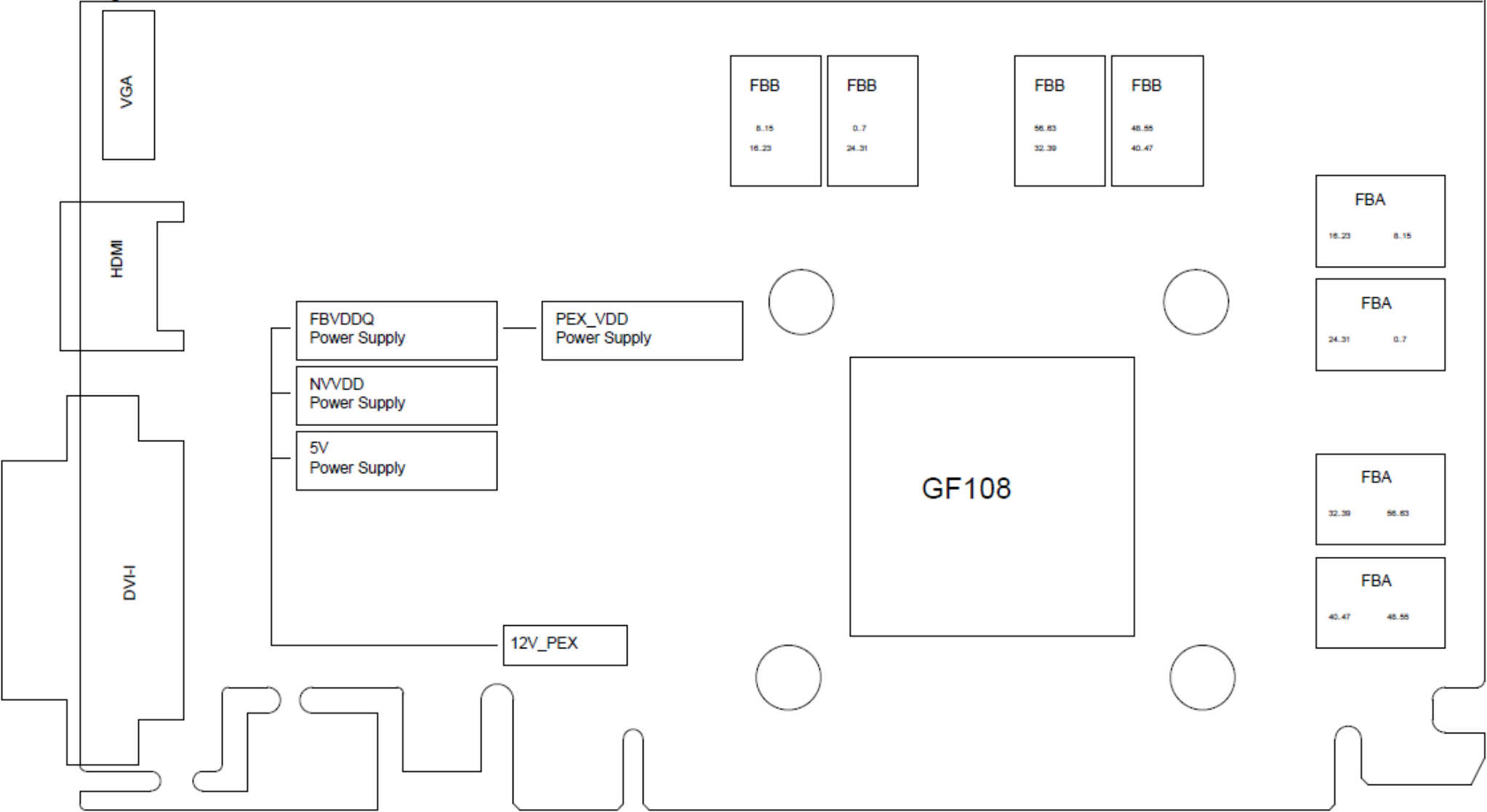
Page1. Basic Information about the Model

Page2. Block Diagram

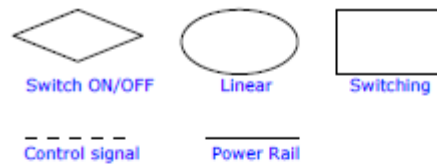
Page3. Power Flow

Page4. Important Signal map (Top side)

Block Diagram



Power Flow



$I_{(max)} < 15A, I_{ocp} = 3 * I_{(max)}$
 $15A < I_{(max)} < 50A, I_{ocp} = 2.5 * I_{(max)}$
 $50A < I_{(max)} < 80A, I_{ocp} = 2 * I_{(max)}$
 $80A < I_{(max)}, I_{ocp} = 1.5 * I_{(max)}$

