

GTX650 (C2030P2) Repair Guide

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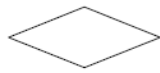
ASUS Model name	GTX650TI B-DC2-2GD5-2DIS
ASUS P/N	60YV0431-VG0A01
Graphics Engine	GF GTX650
GPU P/N	02004-00270100
Bus Standard	PCI Express 3.0
Video Memory	GDDR5 2GB
Engine Clock	980 MHz
Memory Clock	5400 MHz
Memory Interface	128-bit

Page1. Basic Information about the Model

Page2. Power Sequence and Power Flow

Page3. Important Signal map (Top side)

Power Sequence and Power Flow



Switch ON/OFF



Linear



Switching

Control signal

Power Rail

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

