

PI7C9X111SL PCIe®-to-PCI® Reversible Bridge Power Consumption in Normal Mode

Power Consumption of PI7C9X111SL

The following table lists the power consumption of each power rail used by the PI7C9X111SL PCIe-to-PCI reversible bridge. This information can be taken into consideration for system design and power budget.

| Normal mode | 33MHz | | | | 66MHz | | | |
|---------------------------|-----------------------|-----|----------------------|-----|-----------------------|-----|----------------------|-----|
| | Power Saving Disabled | | Power Saving Enabled | | Power Saving Disabled | | Power Saving Enabled | |
| | mA | mW | mA | mW | mA | mW | mA | mW |
| VDDA (1.0V) | 59 | 59 | 59 | 59 | 59 | 59 | 59 | 59 |
| VDDP (1.0V) | 66 | 66 | 66 | 66 | 65 | 65 | 65 | 65 |
| VDDAUX and VDDCAUX (1.0V) | 36 | 36 | 36 | 36 | 35 | 35 | 35 | 35 |
| VTT (1.0V) | 29 | 29 | 29 | 29 | 29 | 29 | 29 | 29 |
| VDDC (1.0V) | 204 | 204 | 172 | 172 | 181 | 181 | 142 | 142 |
| VD33 (3.3V) | 48 | 158 | 48 | 158 | 112 | 368 | 112 | 368 |
| VAUX (3.3V) | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 |
| Total (mW) | 552 | | 520 | | 737 | | 697 | |

Test Conditions:

- 33MHz: Tested on 4 IBM Token Ring cards.
- 66MHz: Tested on 3 Intel Dual Port Gigabit Ethernet cards.