

ATX12V

Power Supply Design Guide

Version 1.3

Revision History

Version	Release Date	Notes
1.0	Feb., 2000	• Public release
1.1	Aug., 2000	• Increase 3.3 V current; add more explanation for power sharing; do minor edits and format fixes
1.2	Jan., 2002	• Section 3.2.3 Typical Power Distribution. Change +5V loading on all power supplies distribution tables defined in DG to 0.3A • Section 3.3.2 PS_ON#. Add text "The power supply should not latch into a shutdown state when PS_ON# is driven active by pulses between 10ms to 100ms during the decay of the power rails." • Section 3.2.3.2 Remove -5V from all power distribution tables.
1.3	April, 2003	• Update Power and Current guidance • Added efficiency guidance at typical and light load • Increased min efficiency at full load from 68% to 70% • Serial ATA connector definition added • Acoustic levels added for low noise power supply design • Reformat and update revision table • Update Disclaimers • Remove guidelines for ATX • Remove guidance for -5V rail

Atx12v Power Supply Design Guide

Scott Mueller

A red circular graphic with a gradient, appearing as a partial circle or a stylized 'C' shape, located to the right of the author's name.

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