ANALOG DEVICES

Power Supply Monitor ASIC

Preliminary Technical Data ADM1040

FEATURES

Monitors Multiple Voltage Rails (240VA Limited)

Monitors Bulk DC, Op-Amp Supply, 5V Supply

Monitors Voltage Rails 1,2 and 3 Currents

Up to 3 Fan Speed Measurement Channels

Up to 6 General-Purpose Logic Inputs

External Temperature Measurement with Remote Diode (Two Channels)

On-Chip Temperature Sensor

Limit Comparison of all Monitored Values

Analog Fan Speed Control Output

SMBus™ Compatible Serial Interface

SMBus ALERT Capability

512 Bytes On-Chip, Write-Protected E^2PROM

Shutdown Output for Overtemperature and 240VA Faults

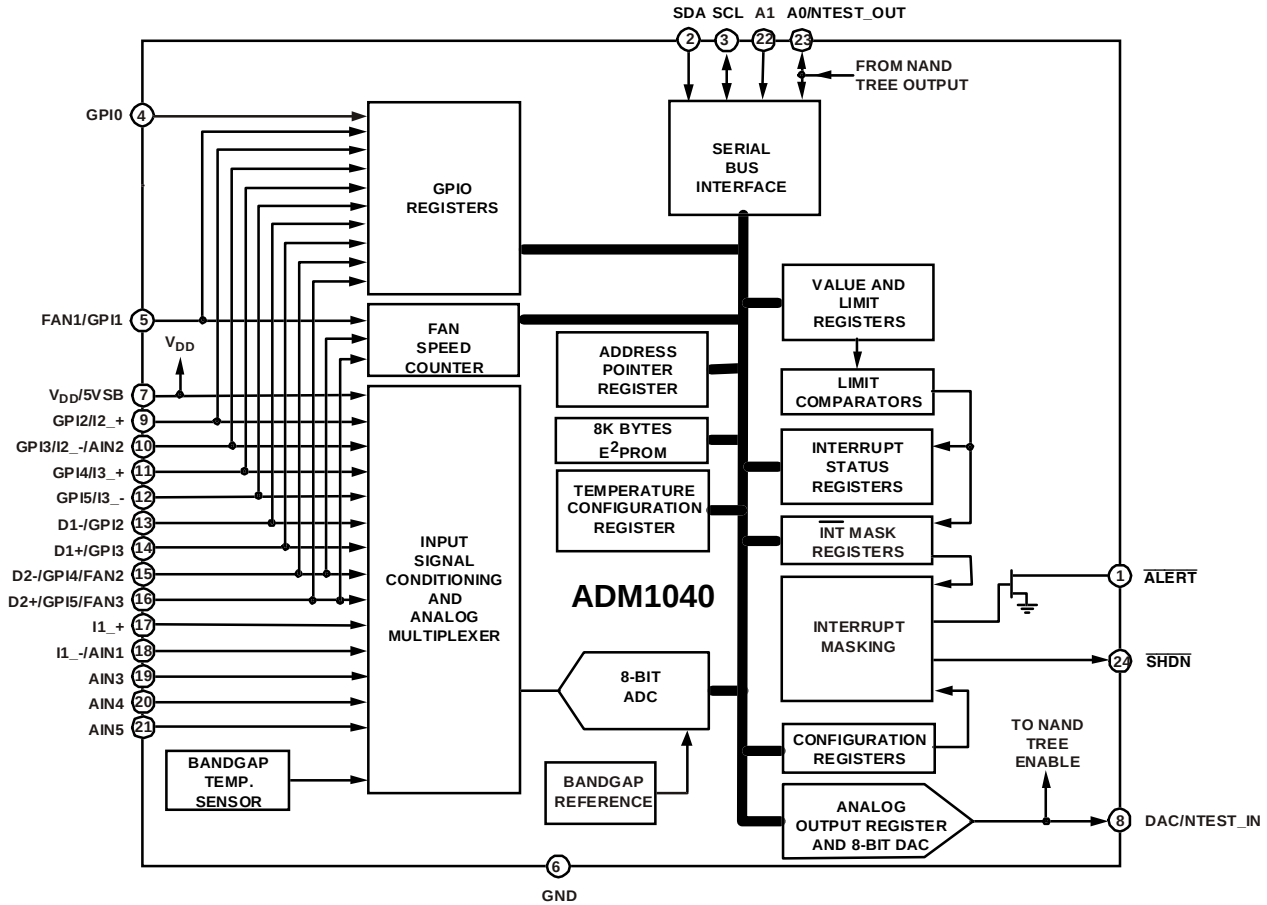
APPLICATIONS

Network Servers and Personal Computers

Microprocessor-Based Office Equipment

Test Equipment and Measuring Instruments

FUNCTIONAL BLOCK DIAGRAM



REV. PrG 01/'01

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