



# 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

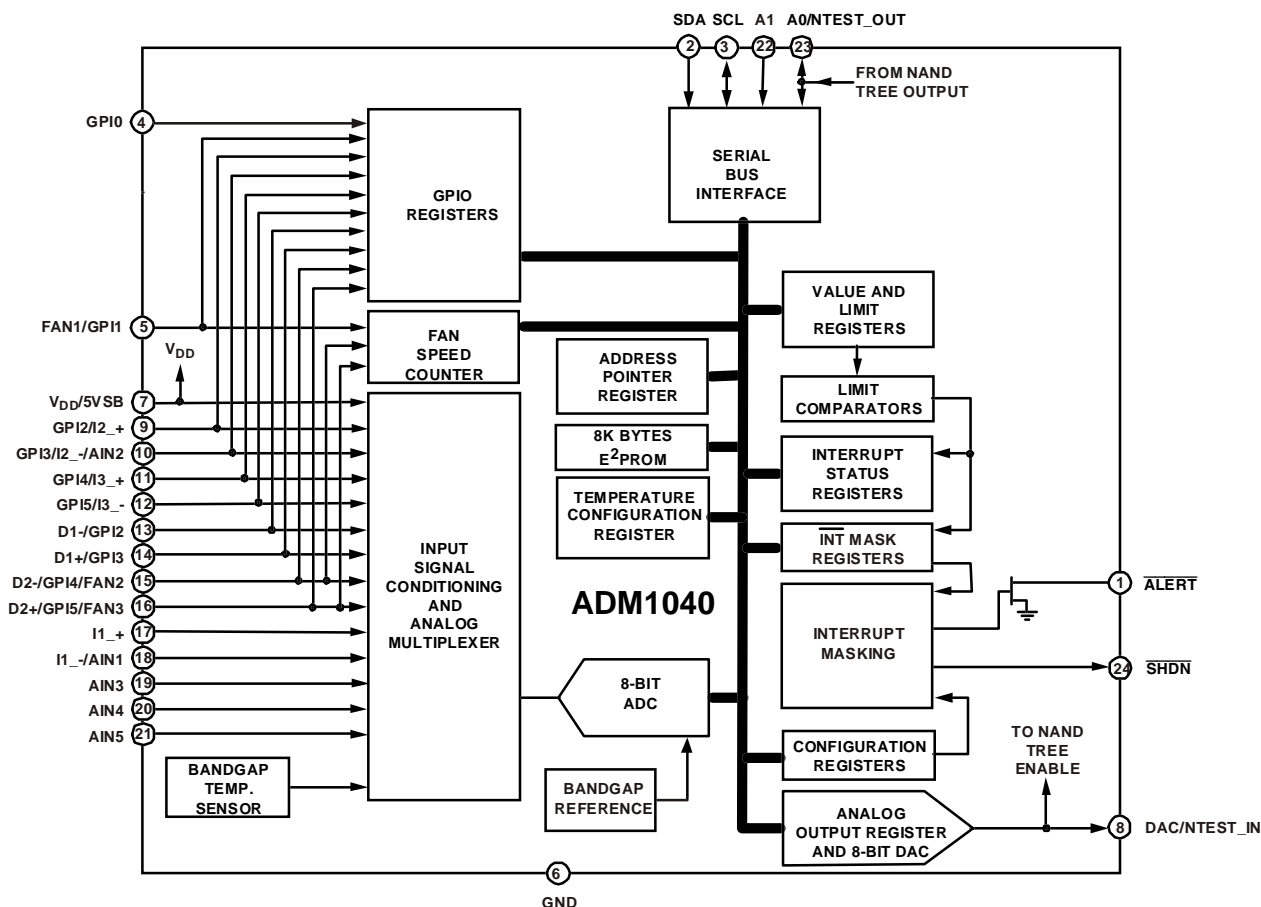
512 Bytes On-Chip, Write-Protected E<sup>2</sup>PROM

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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