

μP Supervisor with Backup Battery Switchover, Watchdog Feature, Power Fail Warning, 4.65V Threshold Voltage, Active Low Reset; Package: SOIC; No of Pins: 8; Temperature Range: Commercial Microprocessor

Manufacturers	<u>Analog Devices, Inc</u>
Package/Case	SOIC-8
Product Type	PMIC - Supervisors
RoHS	Rohs
Lifecycle	



Images are for reference only

Please submit RFQ for ADM690AARNZ or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

The ADM690A/ADM692A/ADM802L/M/ADM805L/M are available in 8-pin packages and provide:

Power-on reset output during power-up, power-down and brownout conditions. The RESET output remains operational with VCC as low as 1 V.

Battery backup switching for CMOS RAM, CMOS microprocessor or other low power devices.

A reset pulse if the optional watchdog timer has not been toggled within 1.6 seconds.

A 1.25 V threshold detector for power fail warning, low battery detection, or to monitor a power supply other than +5 V.

On the ADM690A/ADM802L/ADM805L the reset voltage threshold is 4.65 V. On the ADM692A/ADM802M/ADM805M, the reset voltage threshold is 4.40 V.

The ADM802L/ADM802M guarantee power fail accuracies to $\pm 2\%$.

Features

Precision Supply Voltage Monitor

4.65 V

ADM690A/ADM802L/ADM805L

4.40 V

ADM692A/ADM802M/ADM805M

Reset Assertion Down to 1 V VCC

Reset Timeout—200 ms

Watchdog Timer—1.6 s

100 mA Quiescent Supply Current

Automatic Battery Backup Power
Switching

Voltage Monitor for Power Fail

Space-Saving MicroSOIC Package
(ADM690A)

Application

Power-on reset output during power-up, power-down and brownout conditions. The

RESET

output remains operational with V

CC

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A reset pulse if the optional watchdog timer has not been toggled within 1.6 seconds.

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Related Products



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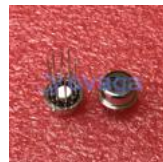
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