

LM96080 Evaluation Board

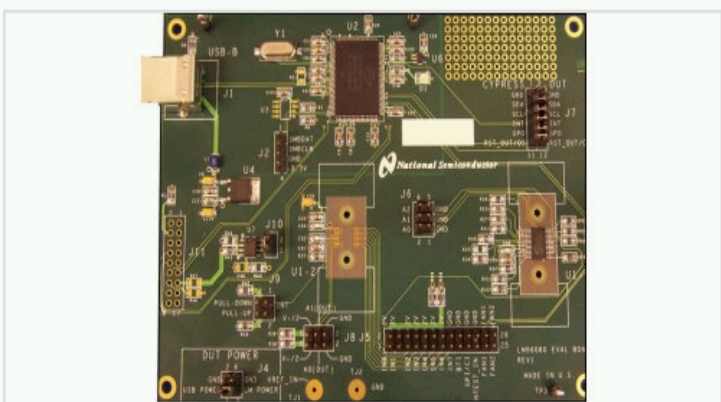
(ACTIVE) LM96080EB

Description & Features

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Description

The LM96080EB is the evaluation board for LM96080, a hardware monitor that contains a 10-bit delta-sigma ADC capable of measuring 7 positive voltages and local temperature. The LM96080EB connects via USB to a PC and is controlled by the SensorEval software. SensorEval software allows easy access and control of the LM96080's registers and reports voltage, temperature, and fan outputs. The LM96080EB board is powered through the USB connection and no other external power sources are required.



Features

- Local Temperature Sensing
- 7 Positive Voltage Inputs with 10-bit Resolution
- 2 Programmable Fan Speed Monitoring Inputs
- 2.5 mV LSB and 2.56V Input Range
- Chassis Intrusion Detector Input
- WATCHDOG Comparison of All Monitored Values
- Separate Input to Show Status in Interrupt Status Register of Additional External Temperature Sensors Such as the LM26/27, LM56/57, LM73, or LM75
- I²C Serial Bus Interface Compatibility, Supports Standard Mode, 100 kbits/s, and Fast Mode, 400 kbits/s
- Shutdown Mode to Minimize Power Consumption
- Programmable $\overline{\text{RST_OUT}}/\overline{\text{OS}}$ Pin: $\overline{\text{RST_OUT}}$ Provides a Reset Output; $\overline{\text{OS}}$ Provides an Interrupt Output Activated by an Overtemperature Shutdown Event
- Software and Pin Compatible with the LM80

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Part Number	Buy from Texas Instruments or Third Party	Status	Lead-Free	RoHS
LM96080EB/NOPB: LM96080 Evaluation Board	\$149.00(USD) In Stock Typically Ships in 1 to 3 Business Days Buy from TI	ACTIVE	Yes	Yes

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Related Products

TI Devices (1)

Part Number	Name	Product Family
LM96080	System Hardware Monitor with 2-Wire Serial Interface	Other Sensor Signal Conditioners

Videos

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