

产品概览

NCV33161: Universal Voltage Monitor - Auto Rated

欲看完整文档，请参阅数据表。

The MC34161/MC33161/NCV33161 are universal voltage monitors intended for use in a wide variety of voltage sensing applications. These devices offer the circuit designer an economical solution for positive and negative voltage detection. The circuit consists of two comparator channels each with hysteresis, a unique Mode Select Input for channel programming, a pinned out 2.54 V reference, and two open collector outputs capable of sinking in excess of 10 mA. Each comparator channel can be configured as either inverting or noninverting by the Mode Select Input. This allows over, under, and window detection of positive and negative voltages. The minimum supply voltage needed for these devices to be fully functional is 2.0 V for positive voltage sensing and 4.0 V for negative voltage sensing. Applications include direct monitoring of positive and negative voltages used in appliance, automotive, consumer, and industrial equipment.

特性

- NCV Version for Automotive
- Unique Mode Select Input Allows Channel Programming
- Over, Under, and Window Voltage Detection
- Positive and Negative Voltage Detection
- Fully Functional at 2.0 V for Positive Voltage Sensing and 4.0 V for Negative Voltage Sensing
- Pinned Out 2.54 V Reference with Current Limit Protection
- Low Standby Current
- Open Collector Outputs for Enhanced Device Flexibility
- Pb-Free Packages are Available

优势

- AEC-Q100 Qualified

应用

- Body Electronic
- Braking
- Infotainment
- Instrument Cluster
- Navigator

器件电气规格

产品	Compliance	Status	Voltages Monitored	V _{CC} Max (V)	V _(TO) Typ (V)	I _O Typ (μA)	Reset Active State	Reset Timer	Manual Reset	Watchdog Timer	Package Type
NCV33161DMR2G	AEC Qualified PPAP Capable Pb-free Halide free	Active	2	40	1.27	560	-	No	No	No	Micro8™
NCV33161DR2G	AEC Qualified PPAP Capable Pb-free Halide free	Active	2	40	1.27	560	-	No	No	No	SOIC-8

欲了解更多信息，请联系您当地的销售支援 www.onsemi.cn。

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