

## Product Overview

### NCD9830: ADC, 8-Bit, 8-Chanel, with I2C Interface

For complete documentation, see the data sheet.

The NCD9830 is a two-wire serially programmable analog to digital converter. Communication with the NCD9830 is accomplished via I2C interface which is compatible with industry standard protocol. The NCD9830 is available in a 16-lead TSSOP package and operates over a supply range of 2.7 to 5.5 V.

#### Features

- Built in 2.5V Reference Voltage
- Low power consumption
- I2C Compliant Interface for Standard, Fast and High speed modes
- 8 Bit Analog to Digital Converter
- 8 single ended Inputs or 4 Differential Inputs
- Fully ROHS Compliant

#### Benefits

- No External Voltage reference required
- Suitable for Battery Powered applications
- Allows for remote monitoring close to the signal source

#### Part Electrical Specifications

Product	Pricing (\$/Unit)	Compliance	Status	Channels	Resolution (bits)	Control Interface	Package Type
NCD9830DBR2G	1.32	Pb-free Halide free	Active	8	8	I2C	TSSOP-16

For more information please contact your local sales support at [www.onsemi.com](http://www.onsemi.com).

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