



Product Overview

CAT5270: Dual 256-Tap Digital Potentiometer with I²C Compatible Interface

For complete documentation, see the [data sheet](#)

Product Description

The CAT5270 is a volatile 256-tap by two channels, digital potentiometer with an I²C compatible interface. Each digital POT consists of a linear taper series of resistive elements connected between two externally accessible end points. The tap points between each resistive element are connected to the wiper outputs with CMOS switches. On power up the wiper position goes to mid scale.

The CAT5270 can be used as a potentiometer or as a two terminal, variable resistor. CAT5270 operates over the industrial temperature range (-40°C to 85°C).

Features

- Two Linear Taper Digital Potentiometers
- 256 Resistor Taps per Potentiometer
- End to End Resistance 50 k, 100 k
- I²C Compatible Interface
- Low Wiper Resistance 75 (typ.)
- 2.5 V to 5.5 V Operation
- Standby Current Less than 1 µA
- Power On to Mid Scale
- Industrial Temperature Range

For more information please contact your local sales support at www.onsemi.com

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