

Product Overview

CAT5124: Digital Potentiometer (POT), 32-Tap, with 2-Wire Interface

For complete documentation, see the data sheet.

The CAT5124 linear-taper digital POT performs the same function as a mechanical potentiometer or a variable resistor. This device consists of a fixed resistor and a wiper contact with 32-tap points that are digitally controlled through a 2-wire up/down serial interface. The CAT5124 is configured as a variable resistor. Three resistance values are available: 10 k Ω , 50 k Ω , and 100 k Ω .

Features

- 0.3 μ A Ultra-low standby current
- Single-supply operation: 2.7 V to 5.5 V
- Glitchless switching between resistor taps
- Power-on reset to midscale
- 2-Wire up/down serial interface
- Resistance values: 10 k Ω , 50 k Ω and 100 k Ω

Applications

- LCD screen adjustment
- Volume control
- Mechanical potentiometer replacement
- Gain adjustment
- Line impedance matching

End Products

- Industrial Equipment

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

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