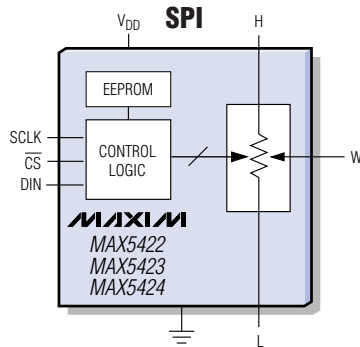


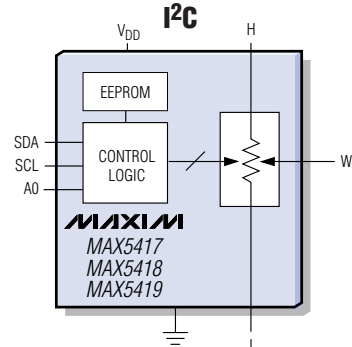
256-TAP, SPI OR I²C, SINGLE OR DUAL, NONVOLATILE DIGITAL POTENTIOMETERS

The MAX54XX family of digital potentiometers adds **value** to any application by providing 35ppm/°C end-to-end temperature drift and low 1µA (max) supply current. Available in a single or dual resistor configuration, the devices offer a **variety** of resistance values and a choice of I²C** or SPI™ interfaces. With such a **versatile** configuration, the MAX54XX can be used as a voltage-divider or variable resistor.

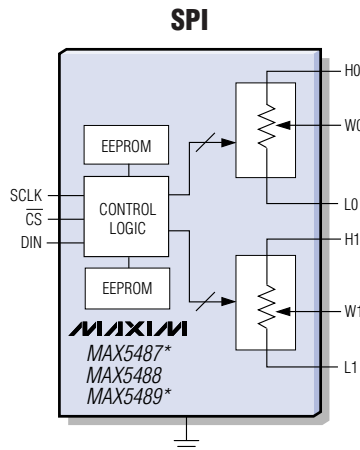


Single

- ◆ EEPROM Stores Last Position Prior to Power-Down
- ◆ Tiny, 8-Pin, 3mm x 3mm TDFN
- ◆ 35ppm/°C End-to-End Tempco and 5ppm/°C Ratiometric Tempco
- ◆ Single 2.7V to 5.25V Supply
- ◆ 1µA (max) Standby Supply Current
- ◆ 8 Unique I²C Addresses Per Product

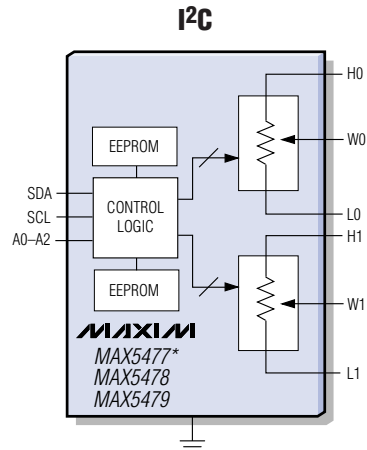


I²C



Dual

- ◆ Dual EEPROM Stores Last Position Prior to Power-Down
- ◆ Tiny, 16-Pin, 3mm x 3mm TQFN
- ◆ 35ppm/°C End-to-End Tempco and 5ppm/°C Ratiometric Tempco
- ◆ Single 2.7V to 5.25V Supply
- ◆ 1µA (max) Standby Supply Current
- ◆ 8 Unique I²C Addresses Per Product



I²C

Part	No. of Pots	Interface	End-to-End Resistance (kΩ)	Price† (\$)
MAX5417/MAX5418/MAX5419	1	I ² C	50/100/200	1.25
MAX5422/MAX5423/MAX5424	1	SPI	50/100/200	1.25
MAX5477*/MAX5478/MAX5479	2	I ² C	10/50/100	1.60
MAX5487*/MAX5488/MAX5489*	2	SPI	10/50/100	1.60



*Future product—contact factory for availability.

**Purchase of I²C components from Maxim Integrated Products, Inc., or one of its sublicensed Associated Companies, conveys a license under the Philips I²C Patent Rights to use these components in an I²C system, provided that the system conforms to the I²C Standard Specification defined by Philips.

†1000-up recommended resale. Prices provided are for design guidance and are FOB USA.

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