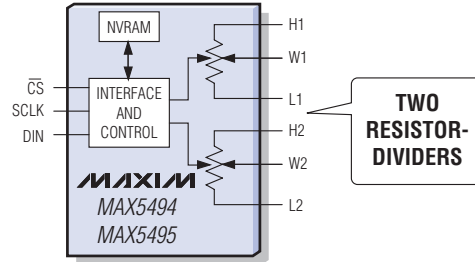


WORLD'S SMALLEST, NONVOLATILE, DUAL, 1024-TAP DIGITAL POTENTIOMETERS

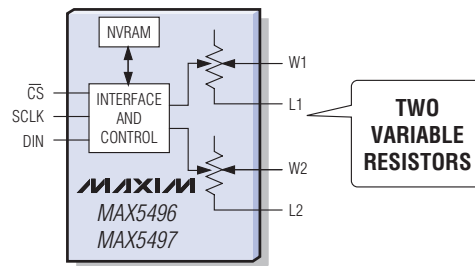
Add More Resolution to Gain and Offset Control!



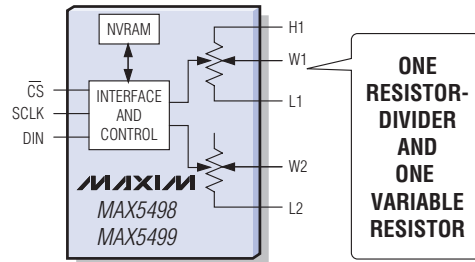
- ◆ Nonvolatile Memory Recalls Wiper Position at Power-Up
- ◆ 10k Ω and 50k Ω End-to-End Resistance Values
- ◆ Low Temperature Coefficients: 35ppm/ $^{\circ}$ C End-to-End and 5ppm/ $^{\circ}$ C Ratiometric
- ◆ SPI™ Interface
- ◆ Nonvolatile Memory Reliability
 - ◆ 100,000 Wiper Store Cycles
 - ◆ 100 Years Wiper Data Retention
 - ◆ < 1 μ A Standby Current
- ◆ Operates from +2.7V to +5.25V Single Supply or \pm 2.5V Dual Supply
- ◆ Glitchless Switching



TWO RESISTOR-DIVIDERS



TWO VARIABLE RESISTORS



ONE RESISTOR-DIVIDER AND ONE VARIABLE RESISTOR

Part	Temp Range ($^{\circ}$ C)	Package	Configuration	Resistance (k Ω)	Price (\$)†
MAX5494	-40 to +85	16-TQFN	Two resistor-dividers	10	3.60
MAX5495	-40 to +85	16-TQFN	Two resistor-dividers	50	3.60
MAX5496*	-40 to +85	16-TQFN	Two variable resistors	10	3.60
MAX5497*	-40 to +85	16-TQFN	Two variable resistors	50	3.60
MAX5498*	-40 to +85	16-TQFN	One resistor-divisor and one variable resistor	10	3.60
MAX5499*	-40 to +85	16-TQFN	One resistor-divisor and one variable resistor	50	3.60

SPI is a trademark of Motorola, Inc.

† 1000-up recommended resale. Prices provided are for design guidance and are FOB USA. International prices will differ due to local duties, taxes, and exchange rates. Not all packages are offered in 1k increments, and some may require minimum order quantities.

*Future product—contact factory for availability.



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