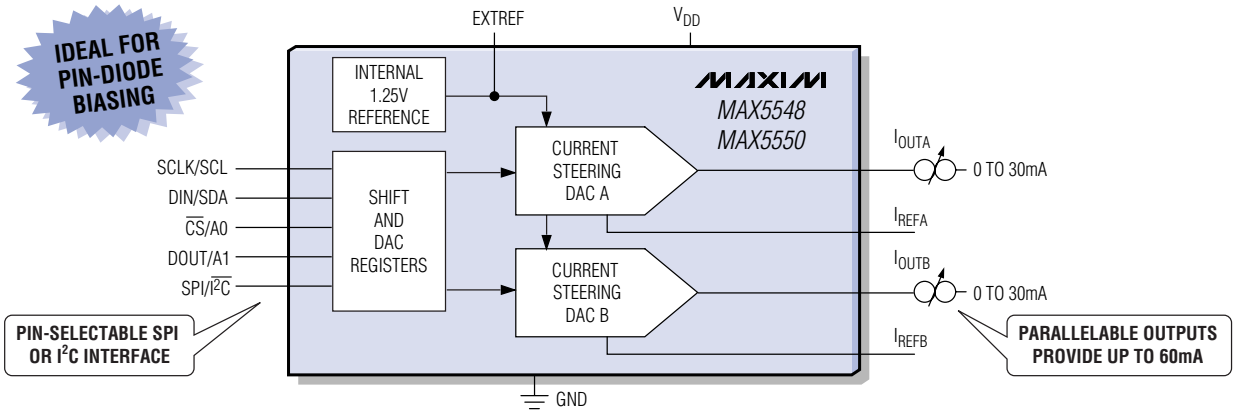
DUAL, 30mA CURRENT-OUTPUT DACs IN A TINY, 3mm x 3mm, 16-PIN, TQFN PACKAGE

The MAX5550 (10-bit) and MAX5548 (8-bit) dual-current-output DACs provide a pin-selectable I²C* or SPI™ serial interface. The parallelable outputs increase current output (up to 60mA, max). The DACs provide multiple addressing capability for I²C applications and DOUT for daisy-chaining or readback in SPI mode.



- ♦ Current Output Sources Up to 30mA
- ♦ Dual Outputs for Balanced Systems
- ♦ Output Stable with RF Filters
- ♦ Internal or External Reference Operation
- ♦ DOUT for Daisy-Chaining or SPI Readback
- ♦ 5µA Shutdown Current
- ♦ Guaranteed Low-Output Leakage Current in Shutdown
- ♦ Guaranteed Monotonic over -40°C to +85°C Temperature Range
- ♦ Single +2.7V to +5.25V Supply

Part	Resolution (Bits)	Temp Range (°C)	Package	Price†
MAX5548	8	-40 to +85	16-TQFN	$2.97
MAX5550	10	-40 to +85	16-TQFN	$3.37

16-TQFN 3mm x 3mm

*Purchase of I²C components from Maxim Integrated Products, Inc., or one of its sublicensed Associate 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.
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†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.

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