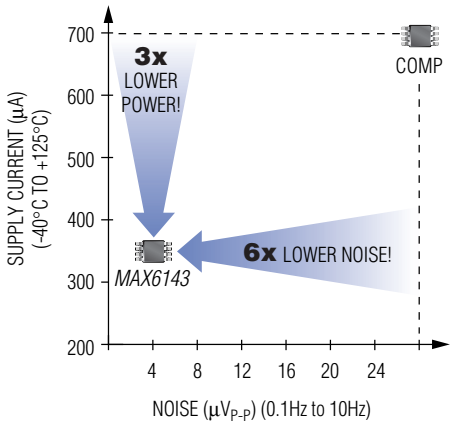
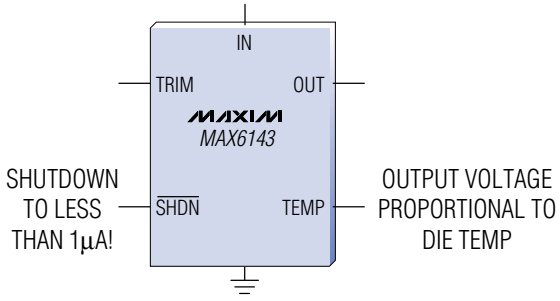
HIGH-VOLTAGE PRECISION REFERENCE OPTIMIZES POWER AND NOISE

Low 4µV$_{P-P}$ Noise (0.1Hz to 10Hz) at Only 370µA Supply Current

MAX6143 OUTPERFORMS THE COMPETITION IN NOISE AND POWER



INPUT RANGE FROM V_{OUT} +2 → 40V



- Up to 40V Input Range
- Ultra-Low 3ppm/°C (max) Temperature Coefficient
- Tight 0.06% (max) Initial Accuracy
- Less than 1µA (max) Shutdown Mode
- Low 370µA Supply Current
- TEMP Pin Output Voltage Is Proportional to Die Temp
- TRIM Pin Allows Fine Adjust of Output Voltage

Part	Output Voltage (V)	Grade	Temperature Coefficient (ppm/°C max)	Initial Accuracy (% max)	PRICE† ($)
MAX6143	2.5, 3.3, 4.096, 5, 10	A	3	0.06	3.95
		B	10	0.1	2.59

†1000-up (0.5% C-grade resale). Price provided is for design guidance and is 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.

MAXIM

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