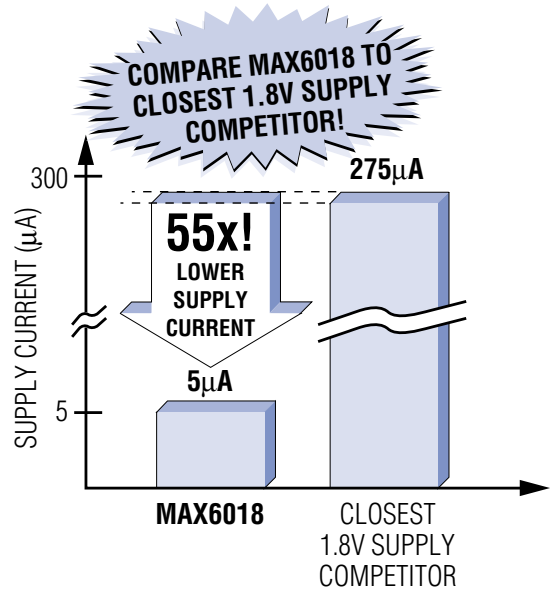
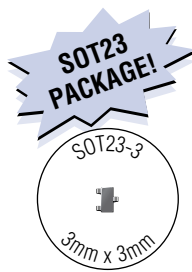


LOWEST POWER 1.6V REFERENCE OPERATES FROM 1.8V SUPPLY

The MAX6018 is a precision series voltage reference that produces a 1.6V output from a 1.8V supply voltage to give you the widest dynamic range for your 1.8V ADC. With 5µA maximum supply current and 200mV dropout, the MAX6018 is also ideal for monitoring battery-powered systems.

- ◆ Can Be Powered Directly from 2 Alkaline Cell Batteries
- ◆ Ultra-Small SOT23 Package
- ◆ Ultra-Low 5µA Supply Current
- ◆ Operates as Low as 1.8V Supply Voltage with 200mV Dropout
- ◆ Stable with Capacitive Loads Up to 5nF
- ◆ No Output Capacitor Needed



Available in Four Output Voltages

PART	OUTPUT VOLTAGE (V)	SUPPLY VOLTAGE (V)	INITIAL ACCURACY (%)		TEMPERATURE COEFFICIENT (ppm/°C)	PRICE† (\$)
			A GRADE	B GRADE		
MAX6018_12	1.25	1.8 to 5.5	0.2	0.4	50	0.85
MAX6018_16	1.6	1.8 to 5.5	0.2	0.4	50	0.85
MAX6018_18	1.8	V _{OUT} + 0.2 to 5.5	0.2	0.4	50	0.85
MAX6018_21	2.048	V _{OUT} + 0.2 to 5.5	0.2	0.4	50	0.85

†1000-up recommended resale (B-grade). 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.



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