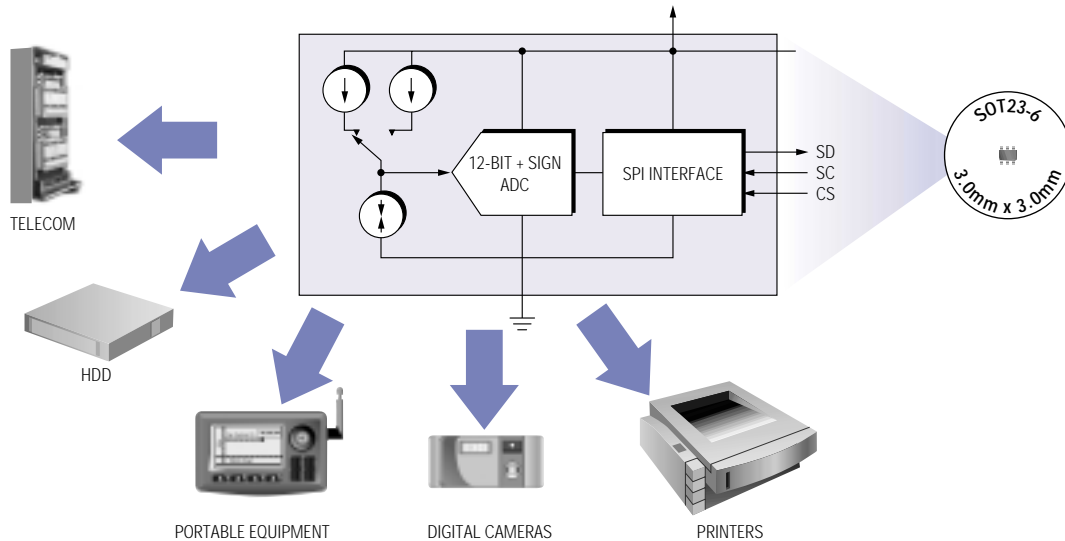


±1°C ACCURATE SOT TEMPERATURE SENSORS

SPI™-Compatible Sensors Consume Just 32µA

The MAX6629/MAX6630/MAX6631/MAX6632 are simple, read-only temperature sensors with ±1°C accuracy and high, 0.0625°C resolution. Because of their small size and low power requirements, they are ideal for portable equipment and battery-powered systems. Their extended temperature range and high accuracy make them excellent choices in a variety of automotive and communications equipment.



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- ◆ Low 32µA (typ) Supply Current
- ◆ 12-Bit + Sign, 0.0625°C Resolution
- ◆ Choice of Two Conversion Rates to Optimize Speed/Power Trade-Off

PART	CONVERSION RATE (SEC/CONV)	SUPPLY CURRENT (µA)	PIN-PACKAGE	ORDERING INFORMATION
MAX6629/MAX6630	0.5	200	6-SOT	MAX6629MUT/MAX6630MUT
MAX6631/MAX6632	8.0	32	6-SOT	MAX6631MUT/MAX6632MUT
MAX6662*	0.5	200	8-SO	MAX6662MSA

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 *Future product—contact factory for availability.



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