

Low Power A/D Converters

austriamicrosystems introduces its AS1526/27 family of 10-bit, single-channel, ultra low power A/D converters. Combining ultra low-power operation at a high sampling speed of 73 ks/s with high dynamic performance in a small SOIC-8 package, this product family is suitable for battery-powered devices and portable data acquisition systems such as remote sensors or pen digitizers. It features an internal 2.5 V reference, consumes 4 mW (3 V), while the AS1527, which requires an external reference, needs 3 mW (3 V) at the 73 ks/s maximum sampling rate. Both parts operate from a 2.7 to 5.25 V single supply.

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<http://www.wirelessdesignmag.com/product-releases/2007/02/low-power/d-converters>