

## Quad Sampling A/D Converter



### DATTEL ADSQ-1410 Series

**combines low noise and excellent dynamic performance for a wide range of image processing applications**

Murata Power Solutions has introduced a new 14-Bit quad sampling Analog to Digital (A/D) converter for image processing applications where low noise performance and the ability to convert full-scale step input signals at a 10MHz conversion rate is required.

- Addition to product family that already includes 10 MHz, 14-Bit dual and single A/D products
- Functionally complete, quad 14-Bit resolution, 10 mega samples per second (MSPS) converter
- Excellent dynamic performance (SNR 80dB)
- Ideal for both time and multi-channel frequency domain applications
- 0.5 LSB RMS DC noise with no missing codes
- Choice of SMT or TDIP through-hole packages

#### About Murata Power Solutions

Murata Power Solutions ([www.murata-ps.com](http://www.murata-ps.com)) is headquartered in Mansfield, Massachusetts, with over 1,300 employees, and locations in the USA, Canada, England, France, Germany, Japan and China. Murata Power Solutions designs, manufactures and distributes DC/DC Converters, AC/DC Power Supplies, Magnetics, Data Acquisition devices and Panel Meters, and offers these products in custom, standard and modified-standard variations. These products, which are built to exacting requirements in ISO9000:2000-approved facilities, are typically used worldwide within telecommunications, computing, industrial and other high-tech applications.

#### About Murata

Based in Kyoto Japan, Murata Manufacturing Company Ltd is one of the world's leading providers of ceramic based components, sensors, and AC/DC and DC/DC power solutions. Founded in 1950, the company has over 34,000 employees worldwide, and over \$6.3 billion US in consolidated annual sales (as of March 31, 2008). Everywhere in the world, wherever you can reach, Murata's electronic components are always at work.



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