

MM3804

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Outline

The MM3804 is 12-bit successive approximation type analog-to-digital converter IC in which differential analog inputs are possible. Two-channel simultaneously samples are possible. The sampling rate of data corresponds to 750Ksps, and is controlled by an external clock. The communication is SPI serial interface.

Features

- ① Pseudo-Differential analog inputs
- ② Simultaneous-sampling two channels
- ③ Sampling rate : 750Ksps max.
- ④ Simple Serial interface
- ⑤ Small outline package (SQFN-16A)
- ⑥ Low input capacitance
- ⑦ Low leak current
- ⑧ Wide temperature range

Specifications

Specifications	Number of input channels [ch]	Resolution [bit]	Sampling Rate [ksps]	Integral nonlinearity error [LSB]	Differential nonlinearity error [LSB]	Communication I/F
MM3804A12RRE	2	12	750.00	-2.0~2.0	-1.0~2.0	SPI

Specifications	Package
MM3804A12RRE	SQFN-16A