

MM4013A12

2023/12/06

Outline

The MM4013A12 is precision, low-power, 12bit delta sigma analog-to-digital converter IC with I2C compatible interface. MM4013A12 is well suited sensor measurement applications. This ADC operates in either continuous-conversion mode or single-shot conversion mode.

Features

- ①Ultra Small SQFN package: 2.0(W) × 1.5(D) × 0.4(H)mm
- ②12bit Noise-Free Resolution
- ③Programmable Data Rate : 128 sps to 3.3 ksps
- ④Single-Cycle Settling
- ⑤Low Current Consumption: 150μA(Continuous-Conv. Mode)
- ⑥Internal Low-Drift Voltage Reference and Internal Oscillator

Specifications

Specifications	Number of input channels [ch]	Resolution [bit]	Sampling Rate [ksps]	Integral nonlinearity error [LSB]	Communication I/F	Package
MM4013A12RBE	1	12	3.30	-0.5~0.5	I2C	SQFN-10A