

## MMS651

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## Outline

This product is a flow velocity sensor using MEMS technology. The product mounts a  $\Delta\Sigma$  AD converter with a resolution of 16bits and outputs a high-accuracy flow velocity value as a digital value.

## Applications

Air conditioner

## Features

High-accuracy measurement by thermal flow MEMS Chip.

## Main specifications

Caribrated for	Air (no Condensation)
Supply Voltage Range [V]	2.7~3.6
Operating Temperature Range [deg.C]	-10~60
Operating Range	0~10[m/sec.]
Current consumption [ $\mu$ A]	T.B.D
Accuracy	$\pm 5\%RD(1m/s \leq \text{flow velocity} \leq 10m/s)$
Resolution	16bit
Conversion Time [ms]	T.B.D
Interface	I2C