



[About](#) [Contact](#) [Recruitment](#) [Feedback](#)

<a href="#">Home</a>	<a href="#">Agent Brand</a>	<a href="#">Development tools</a>	<a href="#">Program area</a>	<a href="#">Downloads</a>	<a href="#">Recommended Products</a>	<a href="#">Stock</a>	<a href="#">News</a>
----------------------	-----------------------------	-----------------------------------	------------------------------	---------------------------	--------------------------------------	-----------------------	----------------------

Current location: [Products](#)

[All products](#)

[Microcontroller \(MCU\)](#)

[Sensor \(SENSOR\) →](#)

[The second transistor \(TRANSISTOR\)](#)

[Radio frequency products \(RF\)](#)

[Universal Integrated Circuit \(GENERAL\)](#)

[Digital signal processor \(DSP\)](#)

[Power Management \(POWER MANAGE\)](#)

[Analog switches \(the ANALOG SWITCH\)](#)

[Interface circuit \(Interface\)](#)

[Data conversion \(Data Converters\)](#)

[Memory \(MEMORY\)](#)

All brands

[Freescale \(Freescale\) →](#)

[ON \(ON-Semi\)](#)

[Atmel \(Atmel\)](#)

[Texas Instruments \(TI\)](#)

[Analog Devices \(ADI\)](#)

[International Rectifier \(IR\)](#)

[Microchip \(Microchip\)](#)

[NXP \(NXP\)](#)

**MMA6331LT MMA6331LR1 MMA6331LR2 MMA6331L MMA6331**

Brand → the Freescale category → Products → Sensor (SENSOR)

## MMA6331LT description:

MMA6331L is a low power consumption, small capacitance micromachined accelerometer with signal conditioning, first-order low-pass filter, temperature compensation, self-test, with a linear free-fall detection of the zero-gravity detection, and can choose between two sensitivity gravity range selection function. Zero gravity bias and sensitivity set by the factory and requires no external devices. The MMA6331L has a sleep mode for battery-powered handheld products.

## MMA6331LT features:

- 3mm x 5mm x 1.0mm-LGA 14-pin package
- Low power consumption: 400μA
- Sleep mode: 3μA
- Low operating voltage: 2.2V - 3.6V
- High sensitivity (4g, 308 mV / g)
- Quick Start (0.5ms enable response time)
- Self-test functions to support the free-fall detection and diagnosis
- 0g detect free-fall protection
- Low-pass filter for signal conditioning
- Robust design, high impact resistance
- RoHS compliant
- Environmentally friendly products
- Low cost

## MMA6331LT the same series of models:

MMA6331LT MMA6331LR1 MMA6331LR2

## MMA6331LT other said:

MMA6331L MMA6331



[\[MMA6331LT MMA6331LR1 MMA6331LR2 MMA6331L MMA6331 technical data Download\]](#)

---

South Star Electronic Technology Co., Ltd. of Shenzhen City

Address: Futian District, Shenzhen Fuminglulei Chun Building, Room 2306 Tel :0755 -83040796, 83040795 Fax :0755 -83,040,790