

### **TS3A5223RSWR Texas Instruments**

As a professional TS3A5223RSWR Texas Instruments supplier, we would like to provide you TS3A5223RSWR Texas Instruments. TS3A5223RSWR Texas Instruments is a high-speed dual-channel analog switch chip launched by Texas Instruments (TI) in the United States. It has the function of disconnection and then connecting and two-way signal switching. Can be used as a dual 2:1 multiplexer or a 1:2 dual removal multiplexer. Suitable for audio signal transmission and switching applications. You are welcomed to come to XT-ShenZhen® to buy the latest selling, low price, and high-quality products. We look forward to cooperating with you.

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### **Product description**

High-speed dual-channel analog switches provide very low on-resistance, very low THD and channel-to-channel crosstalk, and high shutdown isolation. These features make the TS3A5223RSWR Texas Instruments suitable for audio signal transmission and switching applications. The TS3A5223RSWR control logic supports 1V - 3.6V CMOS logic levels. This logic interface enables direct interfacing with a variety of CPUs and microcontrollers without increasing the power supply output current (ICC), reducing power consumption. Therefore, TS3A5223RSWR Texas Instruments is particularly suitable for portable smart electronic products, such as home appliances, smartphones, tablets, etc.

### **Product features**

- Low on-resistance switch—0.45Ω (typical) at 3.6V  
—0.85Ω (typical) at 1.8V
- Wide supply voltage: 1.65V to 3.6V
- 1.0V compatible logic interface
- High switching bandwidth 80MHz
- Total harmonic distortion (THD) is 0.01% over the entire band
- Rated minimum first open and close

**Shenzhen Zhen Rong Era Supply Chain Management Co., Ltd.**

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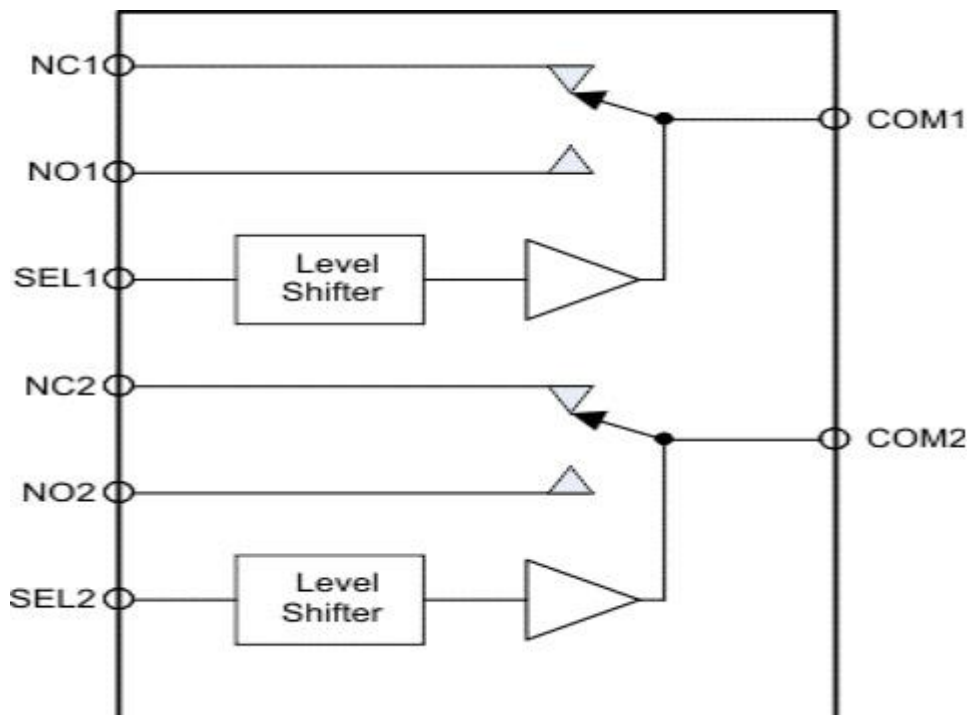
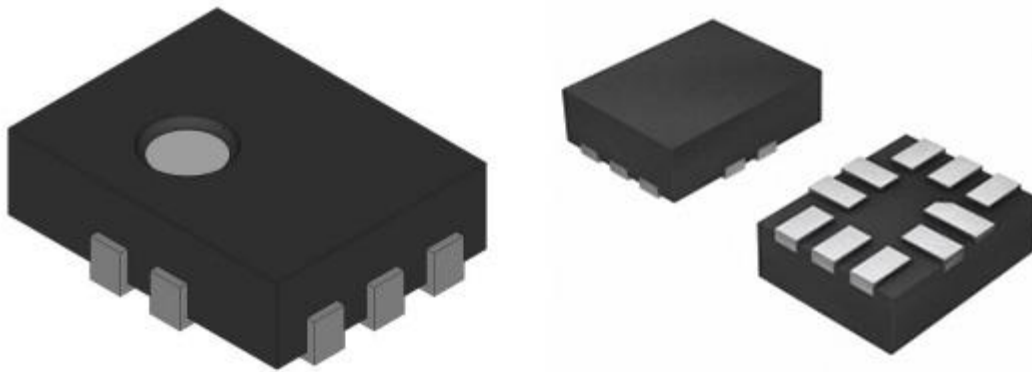
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- Two-way switching
- -75dB channel-to-channel crosstalk
- -70dB channel-to-channel off isolation with very low power dissipation and leakage current
- Very small QFN-10 package: 1.8mm x 1.4mm
- ESD protection for all pins
  - 2kV HBM, 500VCDM

## Product parameters

Technical parameters	The number of output interfaces	4
	The number of pins	10
	Voltage nodes	1.8V, 2.5V, 3V, 3.3V
	Dissipated power	0.43W
	bandwidth	80.0MHz
	Supply voltage (Max).	3.6V
	Supply voltage (Min).	1.65V
	Operating temperature (Max).	85°C
	Operating temperature (Min).	-40°C
	encapsulation	UQFN-10
	Package size (nominal)	1.8mm*1.4mm

## Product images



## FAQ

**Q: How do you pack your goods?**

A: Each of our shipments is vacuumed and padded wrapped. Make sure there is no damage in transit.

**Q: Are your products genuine?**

A: Yes, TS3A5223RSWRTexas Instruments produced by our company are produced by the original factory, and the original authentic products are guaranteed.

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**Q: Are your shipments fast?**

A: Yes, we have our own warehouse and most of the goods are in stock. Same-day delivery as soon as possible.

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