

PRESS RELEASE

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XC3202 Series Low Power Consumption Hall IC

TOREX SEMICONDUCTOR LTD. (Chuo-Ku, Tokyo: President, Tomoyuki Fujisaka) announces a new low power consumption hall IC.

The XC3202 series is a group of magnetic sensor ICs that is ideal for mechanical open/close detection with non-contact sensing. As consumer electronics and electronic devices have become increasingly diversified in recent years, the demand for magnetic sensor switches that detect the presence of a magnet has grown. Compared to conventional mechanical switches, a magnetic sensor has less frictional resistance and excellent durability and reliability. In addition to open/close operation detection, a magnetic sensor enables non-contact position detection that is not possible with conventional switches, such as in the rotation and sliding of LCD screens. These new magnetic sensor ICs are an easy-to-use bipolar detection type that employs a high-sensitivity Hall element. The small standard SOT-23D package (3.0 mm x 2.85 mm x 1.3 mm) makes these ICs ideal for household electrical appliances.

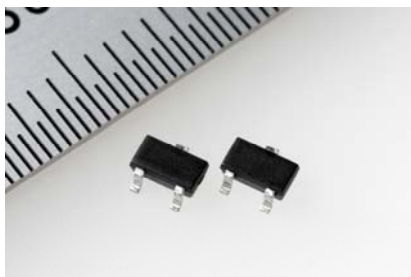
【XC3202 Series Features】

Bipolar detection type

3mT high-sensitivity Hall element

2.4 to 5.5 V power supply voltage range

Low quiescent current of 8 μ A



▲ SOT-23D (3.0 mm x 2.85 mm x 1.3 mm)

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