

Capacitive Touch Panel for Automotive TC230

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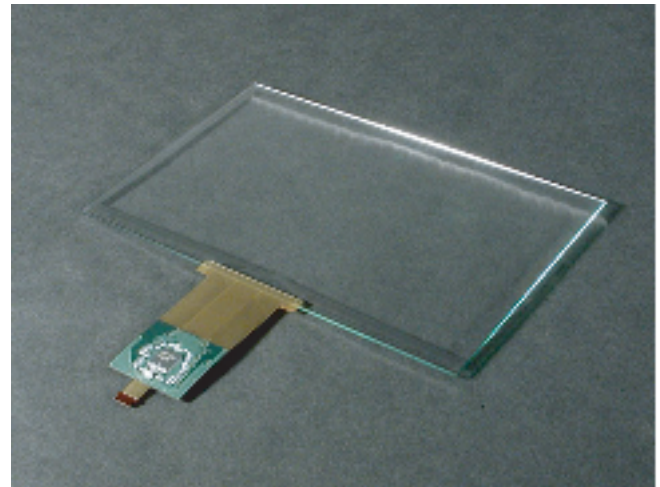


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Capacitive Touch Panel for Automotive TC230 is a touch panel sensor module optimal for automotive use such as car navigation systems.

Since the sensor is formed on the glass substrate, the TC230 is transparent and can be mounted over the LCD module.

The touch sensing function provides a touch coordinate data detection, a multi-touch and gesture input. This function realizes operations such as image expansion and shrinking, and page scrolling with fingers. The sensor size ranging in size to 8.0-inch (diagonal) is available. And the signal outputted through serial interface (I²C or SPI).



The image shows a prototype.

Features

- Employs projected capacitive sensor.
- Enables multi-touch and gesture input. (operations such as image expansion and shrinking, page scrolling, and tapping are possible.)
- The sensor size ranging in size to 8.0-inch (diagonal) is available.
- The sensor is formed on the glass substrate and realizes approximately 90% transmittance.
- Realizes the best performance by designing ranging from glass cell to software.

Reference Specifications

Operating Voltage	3.3 - 5.0 V
Operating Temperature	-20 to +60 deg. C
Storage Temperature	-40 to +85 deg. C
Interface	I ² C, SPI
Output	Touch coordinate data, gesture input data

Applications

- Car Navigation System, Automotive Information Devices

Customized made-to-order Product

JAE is of ISO 9001 (Quality management and quality assurance standards) and ISO 14001 (Environmental management systems) certified.



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