

Automotive Touch



Key Features

- Fully automotive-qualified (Grade 2), operating within the temperature range of -40 up to +105 degree Celsius
- Support for shieldless sensor design for thinner stacks, resulting in reduced system complexity, lower cost, lower power consumption and higher product yield
- High signal-to-noise ratio (80:1), enabling gloved-hand operation
- Support for single- and dual-touch gestures (pinch, stretch, etc.); unintended touches such as a resting hand on the screen are classified and rejected
- 150Hz scan speed, which supports character recognition for alphanumeric inputs to the automotive HMIs

Device & Description

mXT143E Automotive

The mXT143E addresses small-sized touchscreens and pads. Qualified for automotive from -40°C to +85°C, it supports configurable X- and Y-lines, gloved operation and the suppression of unintended touches.

mXT224E Automotive

The mXT224E addresses medium-sized touchscreens of up to 7 inches in diameter. Qualified for automotive from -40°C to +85°C, it supports configurable X- and Y-lines, gloved operation and the suppression of unintended touches.

mXT540E Automotive

The mXT540E addresses medium-sized touchscreens of up to 9 inches in diameter. Qualified for automotive from -40°C to +105°C, it supports shieldless sensors and gloved operation. It embeds sophisticated filter algorithms, gestures and suppression of unintended touches.

mXT768E Automotive

The mXT768E addresses medium-sized touchscreens of up to 12 inches in diameter. Qualified for automotive from -40°C to +105°C, it supports shieldless sensors and gloved operation. It embeds sophisticated filter algorithms, gestures and suppression of unintended touches.

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