

Fujitsu's new 4-wire resistive feather touch panels expand multi-touch applications

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Fujitsu's feather touch panel

Fujitsu Components America has released a series of dual-touch, 4-wire resistive touch panels optimized for multi-touch functionality. The new panels combine the competitive features of Resistive and Projected Capacitive technology, allowing designers to expand multi-touch functionality into other applications, such as industrial equipment and controls, medical devices and automotive, using 4-wire simplicity.

Fujitsu's new Feather Touch Panels incorporate a proprietary top film that responds to 0.02-0.3N force input to enable the same pinch, expand, rotate, flick/swipe gesturing functionality that Projected Capacitive multi-touch panels are well-known for, but at a lower cost and with multiple input options, including finger, passive stylus, glove, etc. Other notable specifications include a transparency of 82%-90%, a -5 to 60 degree C operating temperature, and reliability of 1 million finger inputs

minimum rating.

[Fujitsu](#) is initially offering standard-product panels in 7-inch and 12.1-inch wide sizes, including a 7-inch wide, automotive-grade panel. However, most of Fujitsu's standard 4-wire resistive touch panels can be made in a Feather Touch version. Sizes range from 3.5-inches up to 17 inches in 4x3 aspect ratio with wide types (16x9) also available.

The Feather Touch feature can also be specified in Film-Glass or Film-Film-Plastic panel structures. A Feather Touch Window is also available for developing more creative and flexible industrial designs, such as a flush surface, border/logo printing and special shapes.

The Feather Touch Panels are available immediately. A 4-wire, dual-touch USB controller board and MCU are also available with USB or I2C interface. Depending on the quantity and configuration, panel prices range from \$7.00 to \$70.00. Delivery is Stock to 16 weeks ARO.

Provided by Fujitsu

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