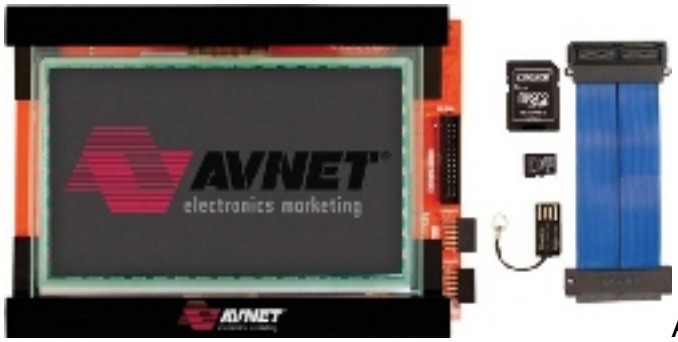
Capacitive Touch Solution from Avnet Builds upon Freescale



Avnet Electronics Marketing Americas, a business region of Avnet, Inc. introduced the i.MX53 Quick Start Break-Out with 7-inch LCD and PCAP (Projected Capacitive) Touch Kit. This kit builds upon the Freescale i.MX53 Quick Start board, a low-cost, open source development platform that integrates an ARM® Cortex™-A8 2GHz processor with the Freescale MC34708 PMIC.

“Avnet’s technical team worked with Freescale to create a development kit that meets the needs of a variety of customers, from medical to industrial, to those looking to integrate touch technology into small quantities of products,” said Kevin Keryk, technical marketing engineer, Avnet Electronics Marketing. “This solution is a great example of how Avnet has combined leading-edge products with our technical expertise, offering our customers a kit ready for prototyping and designed for production.”

The i.MX53 Quick Start Break-Out with 7-inch LCD and PCAP Touch Kit is not the everyday capacitive touch solution. This kit is well suited for end-applications in harsh or outdoor environments. Utilizing the Avnet 7-inch PCAP touch overlay, this kit will work in rain, humidity, condensation and ice, as well as temperatures ranging from -40°C to 85°C. Its discerning touch technology can identify the difference between a finger and a water droplet and yet, works with gloved hands. The auto-tuning capability of the touch controller allows the glass to be configured up to 6MM without changing firmware.

The i.MX53 Quick Start Break-Out with 7-inch LCD and PCAP Touch Kit includes:

- Freescale i.MX53 Quick Start Break-out Board
- Sharp LQ070Y3DG3A 7-inch WVGA LED backlight TFT panel
- Avnet 7-inch Projected Capacitive touch overlay solution utilizing the Cypress CY8CTMG120 TrueTouch® controller
- Getting Started Guide
- SD Card with Android demo plus USB card reader
- Samtec 4-inch i.MX53 expansion cable
- Reference design materials

Avnet, Inc.
http://www.avnet.com/ [1]

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