



Microchip - DV102011 - DV102011 Evaluation Kit

Overview:

The mTouch™ AR1000 Series Resistive Touch Screen Controller is a complete, easy to integrate, cost effective and universal touch screen controller chip solution.

The AR1000 Series is designed for high volume, small form factor touch solutions with quick time to market requirements.



Kit Contents:

- AR1000 development board,
- 7" four-wire resistive touch screen,
- [PICkit™ Serial Analyzer](#) and
- Necessary interface cables,
- CD containing technical documentation and all necessary software. The CD also includes an easy-to-use AR1000 configuration utility.

Key Features:

- Turnkey Touch Solution
- Built in Decoding and Advanced Filtering
- Controller Driven Calibration
- Low Cost with Few External Components
- Universal 4, 5 and 8-wire Support
- Fast Time to Market
- Small Footprint
- Low Power

- SPI, I2C™, UART Support
- Developed by Touch Experts

Ordering Information:

Products:

Part Number	Manufacturer	Farnell P/N	Newark P/N
DV102011	Microchip	1740243	26R2647

Associated Products:

Part Number	Manufacturer	Description	Farnell P/N	Newark P/N
DV164122	Microchip	ANALYSER KIT, SERIAL, PICKIT	1439719	26M9206

Similar Products:

Part Number	Manufacturer	Description	Support Device	Farnell P/N	Newark P/N
COM-R5W-HT-580-R	Higgstec	CONTROLLER KIT, TOUCHSCREEN	HT-580	1454009	58M4336
TSC2005EVM-PDK	TI	Touch Screen Controller, Evaluation kit	TSC2005	1418034	30M1877
V850ES TOUCHIT	NEC	STARTER KIT, 32BIT, TFT LCD	NL2432HC22-41 K	1502865	62M1021

Document List

Application Notes:

File Name	Size
4-Wire and 8-Wire Resistive Touch-Screen Controller Using the MSP430	631 KB
Apply TI TSC for Various and Multiple Functions	317 KB
LAYOUT AND GROUNDING RECOMMENDATIONS FOR TOUCH SCREEN DIGITIZERS	52 KB
Calibration in touch-screen systems	169 KB