

AR1000 Development Kit

Part Number: DV102011

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The mTouch AR1000 Development Kit provides everything designers need to get started using AR1000 resistive controllers for a turn-key, cost effective solution. The kit includes the AR1000 development board, a 7" four-wire resistive touch screen, a **PICKit™ Serial Analyzer** and all necessary interface cables, as well as a CD containing technical documentation and all necessary software. The CD also includes an easy-to-use AR1000 configuration utility, which has a Graphical User Interface (GUI) that enables designers to test all user-configurable options with the AR1000 controllers.



Features

Package Contents

- Supports any manufacturer's 4-, 5-, or 8-wire analog resistive touch screen
- I2C or SPI communication
- 1024x1024 resolution
- EEPROM calibration retention
- Supports any size analog resistive touch screen, 1.5" - 24"
- Kit includes PICKit Serial Analyzer and 7" 4-wire touch screen

Documentation & Software

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Documents	Last Updated	Size	
AR1000 Series Resistive Touch Screen Controller Data Sheet	7/8/2016 8:43:00 AM	2MB	
AR1020/AR1021 Embedded Linux User Document	4/2/2015 9:22:21 AM	643KB	
AR Configuration Utility (ARCU) User's Guide	7/27/2012 10:31:44 AM	632KB	
AR1000 AR1100 Configuration Utility	7/26/2012 8:02:50 AM	7MB	
AR1020 AR1021 Linux SPI I2C Driver (Android Support)	6/22/2012 2:31:41 PM	623KB	
AR1000 FAQs	2/14/2012 12:33:48 PM	96KB	
Development Kit Board Reference Schematic	10/24/2011 8:01:10 AM	114KB	
AR1020 SPI I2C WinCE 6.0 Driver	8/2/2010 9:20:39 AM	237KB	
TB3063 SPI Communication with the AR1020 Controller	3/24/2010 9:18:50 AM	315KB	
AR1000 Dev Kit Software Bundle	3/23/2010 7:26:29 AM	67MB	
TB3063 SPI Communication with the AR1020 Controller	3/23/2010 7:24:00 AM	315KB	



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