

Radios, Inc.

Micrel RF Development System

Wireless Development System

The Micrel RF Development System comprises the hardware, firmware and software resources commonly used by wireless designers in the design and development of wireless applications. The Micrel RF Development System (DS-ML) offers a comprehensive test suite that allows the developer/designer to vary a number of electrical firmware, software and antenna parameters to facilitate the optimal architecture and topology for the given application being developed.

The Micrel RF Development System ("DS-ML") is intended for use by developers for the purpose of evaluating the feasibility of implementing the Radios, Inc. RF modules in various wireless applications.

Product Features:

The development system includes two evaluation boards with the following features:

- Self-contained and regulated power supply
- Two multi-configurable, receive antenna ports
- MCU with rx, wakeup, pushbutton and DIP inputs as well as tx, enable, LED, piezo, and relay outputs
- Configurable DIP Switches
- Interchangeable RF modules
- One push button for transmitting data
- Auto transmit mode for transmitting data once every second
- Sample embedded firmware and software for wireless communication
- RS-232 or USB interface with standard connectors
- Windows-based software
- Multiple jumper configurations
- Breadboard/Prototyping area
- Multi-electrical test point header

System Includes:

- Two evaluation boards
- Two antennas
- Sample embedded firmware
- Windows-based development software
- Two batteries
- User guide, data sheets and appl. notes

Contact Information:

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Applications:

The two development boards along with the supporting firmware and software have a wide range of uses for the evaluation and development of wireless applications using Radios Inc.'s series of Micrel modules.

- System range testing
- Bandwidth/throughput limitation verification
- Antenna implementation
- Firmware/Software development
- etc.

Product Ordering Information:

DS-ML	1	P	
		MCU:	P - PIC: Microchip M - MSP430: Texas Instruments
		Number:	1 unit 2 units

Cost: \$395.00