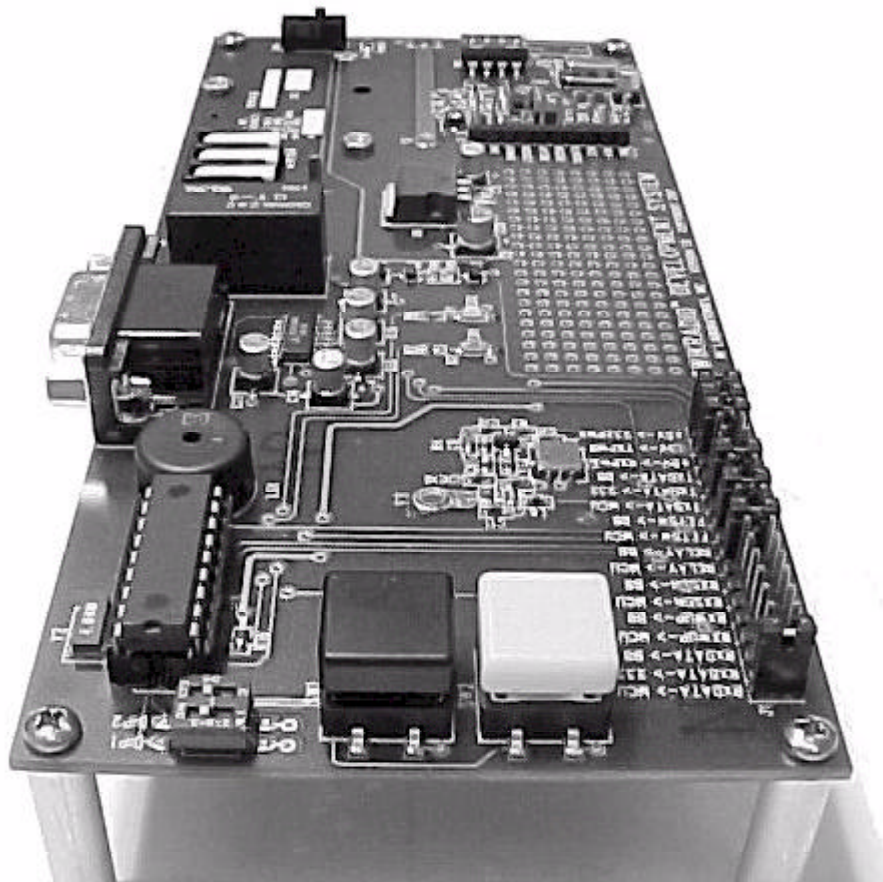# QwikRadio™ Development System

Wireless Development System

Product Overview:

The QwikRadio™ development system (QDS) is a comprehensive evaluation and development package for engineers, students and hobbyist seeking to employ Micrel's Qwikradio™ series RF IC's in wireless applications.

Product Features:

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

- QwikRadio™ chip with on-board configurable bandwidth, LO, frequency, data slicing ref. and AGC.
- Input impedance matching capability
- Self-contained and regulated power supply
- Three multi-configurable receive antenna ports
- OOK (on-off keyed) on-board transmitter with three multi-configurable antenna ports
- MCU with rx, wakeup, pushbutton and DIP inputs as well as tx, enable, LED, piezo and relay outputs
- Sample embedded firmware and software for wireless communication
- RS-232 interface with standard DB-9 connector
- Windows-based software for RS-232
- Multiple jumper configurations
- Breadboard/Prototyping Area
- Multi-electrical test point header

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 Micrel's QwikRadio™ series of RF IC's.

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

System Includes:

- Two evaluation boards
- Two antennas
- Sample embedded firmware
- Windows-based RS-232 development software
- Two batteries
- User guide, data sheets and appl. notes

Cost: $395.00