

## DR-TRC101 Series Development Kits

DR-TRC101-315-DK      310-319 MHz

### Introduction

RFM's RFIC SRR (Short Range Radio) Development Kits demonstrate operation at an "over-the-air" FSK data rate up to 50kbps. These kits are recommended for exploring short range applications <50m up to long range applications as far as 1000m. All serial PC communication is RS232 at 115.2kbps.



### Each Development Kit Contains:

- Two DR-TRC101 transceiver boards
- Two RS232 Cables
- Two 2xAAA Battery Packs
- Four AAA Batteries
- Two Antennas with standard SMA connector
- CD contains RFDA software, Development board Assembly code, Example Assembly code
- Quick Start Guide

### Standard Kit Features:

- "Out of the box" operation between two Windows-based PC's
- Over-the-air data rate FSK communication up to 50kbps
- 115.2kbps RS232 serial communication
- Reference antennas
- Data Terminal Program
- Complete DR board configuration through RFDA software
- TX/RX diagnostic LED's for visual verification
- Packet checksum verification
- Range Test; default packet or up to 32 byte custom packet
- Application firmware development (**Silicon Labs IDE software can be purchased separately**)