

**DR-TRC103-868-DK  
DR-TRC103-915-DK**

- **DR-TRC103-868-DK      863-870 MHz**
- **DR-TRC103-915-DK      902-928 MHz**

**863-870 MHz  
902-928 MHz  
Development Kits**

## Introduction

Murata's RFIC SRR (Short Range Radio) Development Kits demonstrate operation at an "over-the-air" FSK data rate up to 100kbps. 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-TRC103 transceiver boards
- Two USB 2.0 Cables
- Two 2xAA Battery Packs
- Four AA Batteries
- Two 9V Batteries
- Two Antennas with standard SMA connector
- CD contains:
  - RFDA software
  - Development board
  - Assembly code
  - Example Assembly code
- Two power supplies (-EU option contains European power supplies)

## Standard Kit Features:

- "Out of the box" operation between two Windows-based PC's
- Over-the-air data rate FSK communication up to 100kbps
- 115.2kbps 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 64 byte custom packet
- Application firmware development (**Silicon Labs IDE software can be purchased separately**)