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Microreader LF 134kHz HDX RFID Evaluation Kit

(ACTIVE) MRD2EVM

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Description

The microreader evaluation board (RI-STU-MRD2) is a complete USB-based reader module providing the hardware and software to communicate with TI's low-frequency (LF), half-duplex (HDX), and advanced transponders for programming and tuning after the production phase. The USB reader-writer stick contains the RI-STU-MRD2 DIL module, which is mounted on an antenna base board with a USB connector and a selection of TI HDX LF transponders. The RI-STU-MRD2 is backward compatible with the RS232 based RISTU- MRD1 reader module.

Features

- > RS232 and USB interfaces
- > Multi-purpose I/Os
- > Low-power operation (2.7 V to 5.5 V)
- > Supports programming and tuning of advanced transponders
- > Easy to design in and use

What's Included

- > USB HDX LF Reader
- > HDX LF Sample Transponders
- > User's Guide





MRD2EVM

Order Now


Part Number	Buy from Texas Instruments or Third Party	Status
MRD2EVM: Microreader LF 134kHz HDX RFID Evaluation Kit	In Stock Typically Ships in 1 to 3 Business Days	ACTIVE

Technical Documents

User Guides (2)


Title	Abstract	Type	Size (KB)	Date	Views
 RI-STU-MRD2 EVM Microreader Evaluation Kit User's Guide (Rev. A)		PDF	2399	21 Dec 2012	782
 Microreader RI-STU-MRD2 Reference Guide		PDF	1657	08 Aug 2012	1,434

More Literature (1)

Title	Abstract	Type	Size (KB)	Date	Views
 12mm Glass Encapsulated HDX Transponders		PDF	482	20 Jan 2012	438

Related Products

Software (1)

 [MRD2EVM Demonstration Software](#)
(ZIP, 1297 KB) 557 views, 04 Dec 2012

TI Devices (9)

Part Number	Name	Product Family
RI-SMD-MRD2	Series 2000 Micro Reader	NFC / RFID
RI-STU-MRD1-30	Series 2000 Micro Reader	NFC / RFID
RI-STU-MRD2	Series 2000 Micro Reader	NFC / RFID
TRPGP40TGC	12-mm Low-Frequency Glass-Encapsulated Transponder CCT	NFC / RFID
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