



IDS

The RFID Semiconductor
Company

DK-HF RFID MP

Development Kit for Multi-Protocol HF RFID Systems

With **R13MP + SL13A**

Multi-Protocol Reader Development Kit for versatile 13.56 MHz RFID Readers

The DK-HF RFID MP supports the ISO 15693, ISO 14443A, ISO 14443B, STM SR176, FeliCa, Texas Instrument's Tag-it™ and cool-Log™ standards. The demonstration board should be connected to a USB PC port. The board is fully powered from the USB port. The included GUI software will run on a Windows XP PC.

Content of Kit

- PCB with R13MP and MSP430 microcontroller
- PCB with SL13A (transponder)
- CD-ROM with demo application (including Gerber files), documentation, examples, firm- and software (including source code)
- Various tags (ISO 15693 and 14443)
- USB Cable (supply and GUI via USB)
- IC samples (3 x R13MP + 5 x SL13A)

HF RFID MP Development Kit

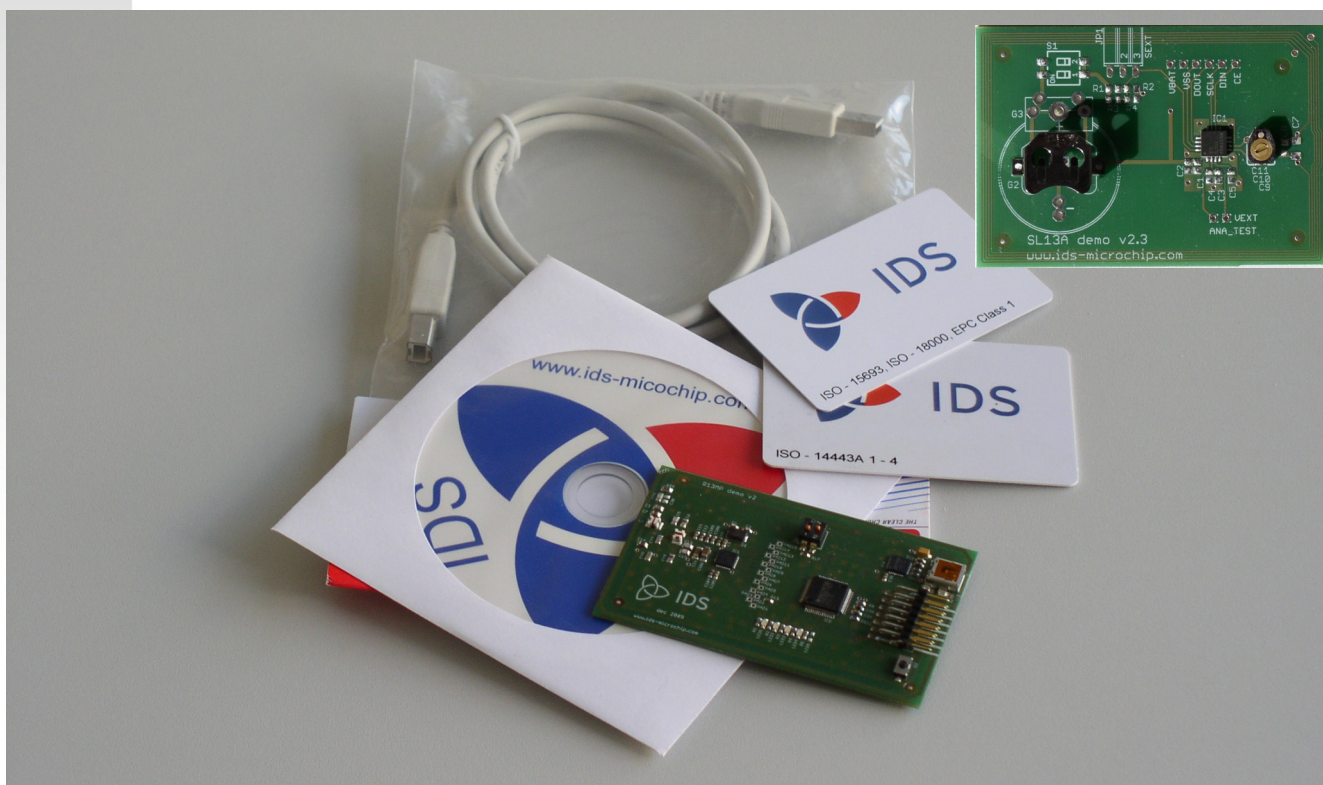


Key Features

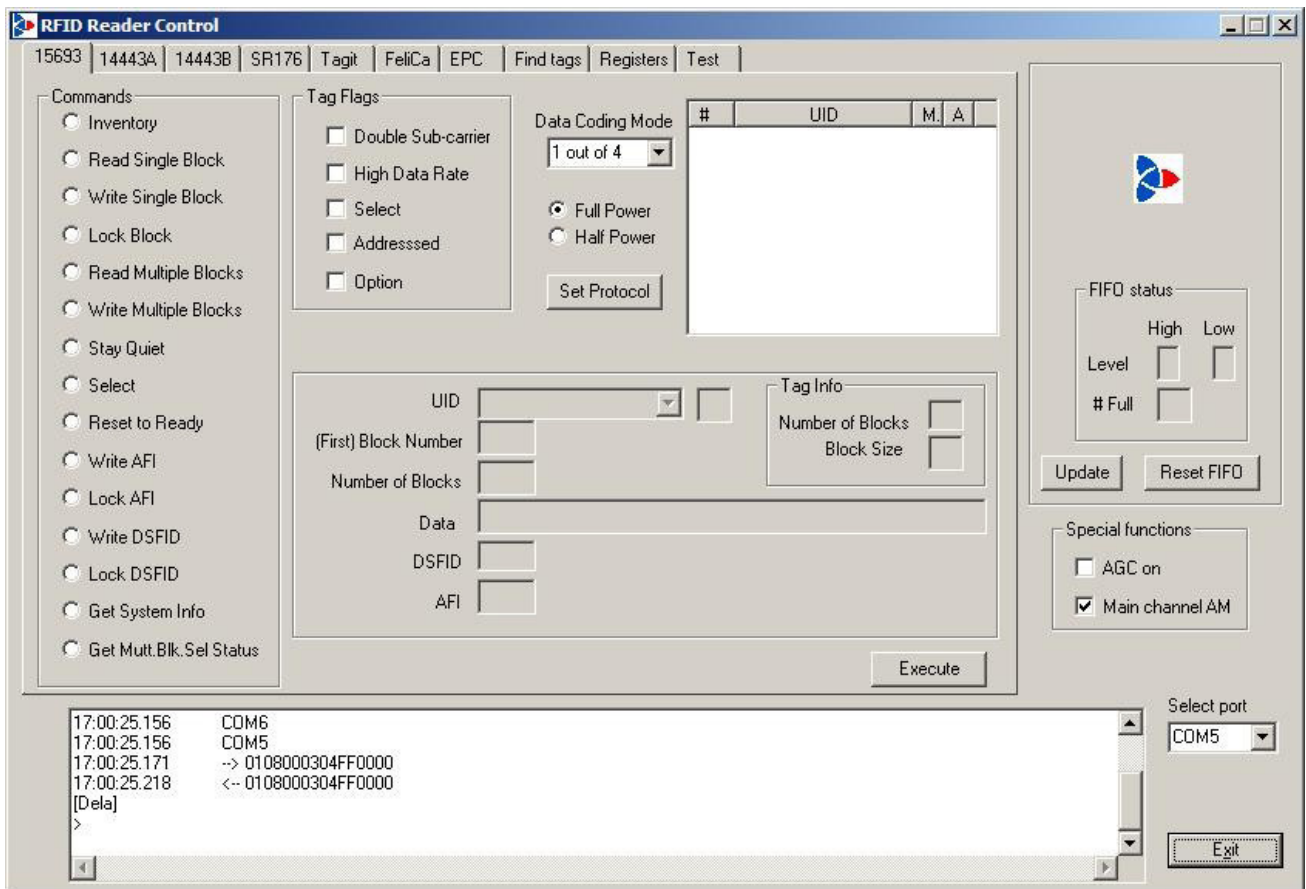
- Approved in more than 70 countries worldwide
- Supports multiple protocols
- Supports proprietary protocols in direct mode
- Supports cool-Log™ commands for data logging

Development Kit

The development kit includes an R13MP reader board with an MSP430 controller and a SL13A board. The kit comes with demo application and GUI software with source codes.



Graphic User Interface (GUI)



The HF RFID MP kit includes GUI software for running demo, and for controlling and changing the settings in the various registers over a PC using the USB port.

RFID Data Logging Demo System

The MP reader board can read the included tags using the GUI software. Also, the logging data of the SL13A smart data logger can be read and displayed by the reader board and the GUI software. Furthermore, programming the settings of the smart data logger is done using the GUI software with the reader board.

About IDS Microchip AG

IDS Microchip AG is an RFID semiconductor company specialized in integrated circuits for RFID system solutions including readers, enhanced tags and labels with sensors for both HF and UHF systems. With its long history in RFID development, IDS offers one of the most complete semiconductor portfolios comprising both passive, semi-passive as well as active RFID systems.

Focusing on all silicon aspects of radio frequency identification (RFID) technology, IDS Microchip helps customers achieving cost-effective solutions. Its comprehensive portfolio comprises RFID and sensor-enabled integrated circuits and IP for highly integrated low-power RFID system solutions including fully integrated readers, enhanced tags and labels for HF and UHF systems. Founded in 1996 and privately funded, IDS Microchip is headquartered in Wollerau, Switzerland; with a design centre in Ljubljana, Slovenia, an office in Toronto and distributors throughout the world.

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The DK-HF RFID MP is intended for use in laboratories only!

cool-Log™ is a registered trademark of IDS Microchip AG. Tag-it™ is a registered trademark of Texas Instruments, Inc.

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