EM4095 RFID Reader

General Description
The EM4095 RFID Reader supports the following 125kHz transponder ICs:
- EM4200 128 bit Read Only Contactless ID
- EM4205/EM4305 ISO11784/85 compliant, 512 bit Read/Write multi purpose Contactless Identification Device
- EM4450/EM4550 1k bit Read/Write multi purpose Contactless Identification Device

The EM4095 RFID Reader is designed for a quick step into 125kHz RFID System designs. The RFID Reader hardware is based on the EM4095 transceiver IC which drives a printed antenna to communicate with the tag. The EM4095 RFID Reader is connected to the computer via an USB interface.

A PC software, provided with the reader, gives access to the command set of the all the above transponder ICs

Reader Items
- Reader base station
- 7.5V AC/DC power supply (2 versions for 110-220V AC)
- EM4200 and EM4205 tags in a credit card format
- USB cable

All installation files are available at download section of the EMDB409 product page (http://www.emmicroelectronic.com/products/rf-identification-security/rfid-tools-support/emdb409). Zip password = “em” (without the quotes)

EMDB409 Support Package Content
- User’s Guide
- Microcontroller firmware
- Unified Application Software to configure, read and write information inside the tag memory including source files in C++
- Hardware schematic and PCB Gerber Files
- Product Datasheets
- Application Notes
- Also included, 1 credit card format tag of each: EM4200, EM4205, EM4305 and EM4450

Latest support package is available from: emdirect@emmicroelectronic.com

Ordering Information

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<td>EM4095 RFID Reader</td>
<td>EMDB409-E</td>
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<tr>
<td>EM4095 RFID Reader (110V AC version)</td>
<td>EMDB409-U</td>
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