

723-99 MIFARE® Reader Writer Module

Evaluation Kit



Overview

The 723-99 Evaluation Kit enables an OEM design engineer to understand and evaluate the features of the 723-xx Mifare reader writer module before designing the module into their own product. The kit consists of:

- 1 x evaluation board (724-L-03)
- 1 x external antenna (can be detached from the evaluation board)
- 1 x CD containing evaluation software and design documentation.
- 1 x 723-xx module
- 1 x RS232 cable

Features

The evaluation board provides the external electronics and connectors required to power up, communicate with, and view the outputs from the module:

- Power requirements: 5-14V dc. Current consumption with module is 120 mA typical.
- 9 way female D-type connector for serial cable link to PC to view RS232 output - use a standard terminal program with comm port set to 19200,n,8,1.
- 3 LEDs (red, green, and yellow)
- 6 way connector for programming the module - factory use only.
- Piezzo sounder.
- External antenna with tuning capacitor connected by RG174 screened cable.
- Typical reading range with this antenna/module combination: 40mm
- RF Frequency: 13.56 MHz.
- Card types supported: MIFARE® Std 1K and 4K.
- See module data sheet for description of control commands.