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With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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# MAXQ1741-KIT

## Evaluation Kit for the MAXQ1741

### Overview

### Description

This part is being discontinued. Please use MAXQ1743-KIT instead.

The MAXQ1741 evaluation kit (EV kit) provides a proven platform for conveniently evaluating the capabilities of the MAXQ1741 secure, single-chip, magnetic stripe reading microcontroller. The EV kit includes a MAXQ1741 EV kit board, example software, documentation, and a MAXQ® USB-to-JTAG/1-Wire® adapter. The EV board includes a magnetic card reader head, pin headers providing access to the processor's I/O port pins, and serial-to-USB adapters. The EV kit provides a complete, functional system ideal for developing and debugging applications as well as evaluating the overall capabilities of the MAXQ1741 microcontroller.

### Key Features

- Easily Load and Debug Code Using Supplied MAXQ USB-to-JTAG/1-Wire Adapter
- 1-Wire Interface Provides In-Application Debugging Features
  - Step-by-Step Execution Tracing
  - Breakpointing by Code Address, Data Memory Address, or Register Access
  - Data Memory or Register Content View and Edit
- On-Board 3.3V Voltage Regulator
- Magnetic Card Reading Head
- On-Board MAX3420E USB Peripheral Controller with SPI
- On-Board Serial-to-USB Adapter
- On-Board I<sup>2</sup>C Memory
- User-Input Pushbutton Switches and Indicator LEDs (Connected to GPIO)

- Prototyping Area

## Applications/Uses

- ATM/POS Terminals
- Physical Security/Building Access