

➢ Smart Card Readers ICsSYSTEM-ON-CHIP AND SMART CARD INTERFACES

Integrated Solutions Compliant with Major Industry Standards

For over 20 years, Atmel has been a leading designer and manufacturer of advanced integrated circuits (ICs) for advanced smart card readers and embedded security applications.

Designed in partnership with industry leaders, these one-chip solutions address any application using a serial, USB or PCMCIA smart card reader including keyboards, set top boxes, point of sales terminals (POS), laptops, UMPC, PDAs, mobile phones and energy meters. Compliant with major industry standards, they provide easy-to-implement and highly integrated solutions.

Key Features

- Flash and ROM Solution
- USB device and Host Interface
- SPI High Speed up to 24 Mbps
- Smart Card Interface (3 cycles/ETU)
- Low Power Consumption
- Remote Wake-up Functionality
- Cryptographic Capability
- Dedicated Software FSL, Bootloader, Demo

Applications

- Set Top Boxes
- Conditional Access Modules
- EFT, POS, Health Card Readers
- Universal Readers Supporting Synchronous, Asynchronous and USB Smart Cards, Fingerprint
- Standalone PC-Link Readers
- Smart Card Keyboards
- USB Dongle Readers
- Physical and Logical Access
- Modem, Router





Product Offering



* available on 64 pin package ** on request

Reference Designs and Tools

Reference design kits, developed in partnership with Omnikey® and Gemalto®, enable the easy implementation of pre-certified and ready-to-use solutions: AT89RFD-02 (USB Interface), AT89RFD-05 (Serial Interface) and AT89RFD-06 (PMCIA). Starter Kits and emulators are also available for customers who would like to develop



More information on:

www.atmel.com/products/SCR

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