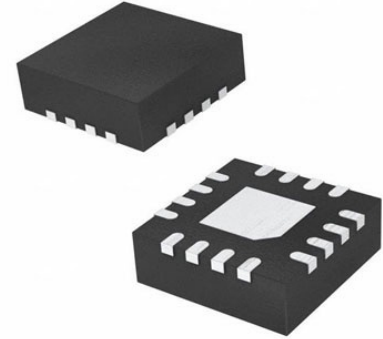


Smart Card Bridge to USB SPI and UART Interfaces Serial Interface 16-Pin QFN EP Tray

Manufacturers	Microchip Technology, Inc
Package/Case	16-VFQFN Exposed
Product Type	Interface ICs
RoHS	
Lifecycle	



Images are for reference only

Please submit RFQ for SEC1110I-A5-02 or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

Microchip's SEC1110 is a low-cost, low-power, single-chip Smart Card controller with a USB 1.1 upstream interfaces. Using a combination of hardware and software, this device delivers high performance and flexible design customization options. The SEC1110 comes in a small-footprint 16-pin QFN and utilizes Microchip's TrustSpan™ technology which enables digital systems to securely communicate, process, move and store information on system boards, across networks and through the cloud. Up-to-date EMV and USB certifications enhance interoperability with all of the latest and legacy Smart Cards and host operating systems. Coming in a 16 pin package, the SEC1110 also supports host interface of USB, dual LED and general purpose IOs for high-value designs. Additionally, Microchip's complimentary and confidential USBCheck™ online design review service is available for customers who select the SEC1110 for their application design-in.*

*The USBCheck online design review service is subject to Microchip's Program Terms and Conditions and requires a myMicrochip account..

Features

Single USB to SmartCard Interface

ISO/IEC 7816

EMV-certified

Dedicated hardware for performance

8051 controller for flexibility

OTP memory for code and custom configuration data

Single-chip USB solution

Class A/B/C - no external level shifter

Integrated oscillator - no external crystal

Target Applications

Software Licensing Keys

PC-Link Reader

User Authentication

Thin/Zero-Client

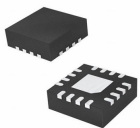
Windows® Smart Card Login

Point-of-Sale (POS)

Counterfeit Device Detection

Network Access Security

Related Products



[SEC1110-A5-02NC](#)

Microchip Technology, Inc
16-VQFN



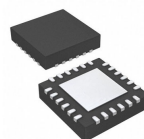
[SEC1210I-CN-02NC-TR](#)

Microchip Technology, Inc
QFN



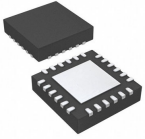
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Microchip Technology, Inc
QFN



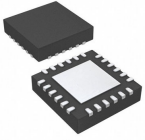
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Microchip Technology, Inc
24-VQFN



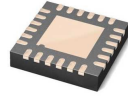
[SEC1210T-I/PV-URT](#)

Microchip Technology, Inc
24-VQFN



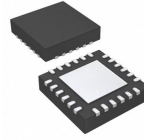
[SEC1210-I/PV-URT](#)

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24-VQFN



[SEC1210/PV-URT](#)

Microchip Technology, Inc
QFN24



[SEC1210T/PV-URT](#)

Microchip Technology, Inc
24-VQFN