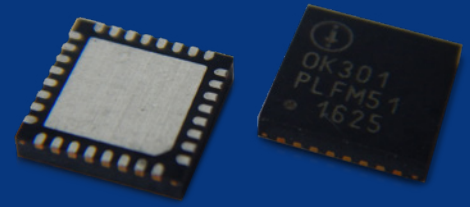


# OMNIKEY® Smart@Link Chipset

## Contact interface smart card reader chipset

Smart card reader chipsets are the heart of every smart card based product or solution and are critical in determining the performance of the complete system. OMNIKEY® Smart@Link reader chip sets are compliant with all relevant smart card standards. Hardware integrators can reduce time to market and costs when embedding OMNIKEY smart card reader functionality into existing and upcoming products.



### KEY BENEFITS:

- **Straightforward implementation** - Designed for easy integration in USB smart card standalone devices
- **Plug & Play** - CCID compliant for easy plug & play (no additional USB driver is required of operating systems supports CCID)
- **Suits Any Application** - Compatible with virtually any smart card and major PC operating systems

# OMNIKEY® Smart@Link Chipset



<b>Base Model Number</b>	C30210310
<b>Packaging</b>	32 Pin QFN
<b>Dimensions</b>	5.00 x 5.00 x 0.90mm (0.2 x 0.2 x 0.035 inches)
<b>Operating Temperature</b>	-25° to +85°C / -13° to + 185°F
<b>Storage Temperature</b>	-65°to +150°C / -85° to +302°F
<b>HOST INTERFACE</b>	
<b>Host Interface</b>	USB Suspend mode compliant (<2.5mA) USB 2.0 CCID
<b>Transmission Speed</b>	12 Mbps (USB 2.0 full speed)
<b>SMART CARD INTERFACE</b>	
<b>Standards</b>	ISO 7816 & EMV 2000 Level 1
<b>Protocols</b>	T=0, T=1 2-wire SLE 4432/42 (S=10) 3-wire SLE 4418/28 (S=9) I2C (S=8)
<b>Smart Card Interface Speed</b>	420 Kbps (when supported by card)
<b>Smart Card Clock Frequency</b>	Fixed at 4.8MHz
<b>Supported Card Types</b>	5V, 3V and 1.8V Smart Cards ISO7816 Class A, B and C
<b>Power to Smart Card</b>	60mA
<b>Smart Card Detection</b>	Movement Detection with auto power-off Automatic Detection of Smart Card type Short Circuit and thermal protection
<b>8 Pin Handling</b>	C4 / C8 supported
<b>Supported API's</b>	Works with the default CCID driver shipped with your system No CT-API available at the moment No need for Synch-API. Synchronous cards supported via pseudo-APDUs
<b>Operating System Driver Support</b>	Windows Vista/7/8/8.1/10 Windows CE 6.0 Anrdoid Mac OS X Linux
<b>Compliance / Certification</b>	Microsoft® WHQL EMV 2000 Level 1 ISO 7816 USB 2.0 CCID
<b>OTHER FEATURES</b>	
<b>Status Indicator</b>	Ready/Busy supported
<b>DC-DC Converter</b>	Integrated DC-DC converter supporting Type A, B and C cards.

For more information, please [click here](#)



hidglobal.com

North America: +1 512 776 9000 | Toll Free: 1 800 237 7769

Europe, Middle East, Africa: +353 91 506 900

Asia Pacific: +852 3160 9800 | Latin America: +52 55 9171 1108

**For more global phone numbers click here**

© 2022 HID Global Corporation/ASSA ABLOY AB. All rights reserved.

2021-02-03-eat-omnikey-smart-link-chipset-ds-en PLT-01599

Part of ASSA ABLOY