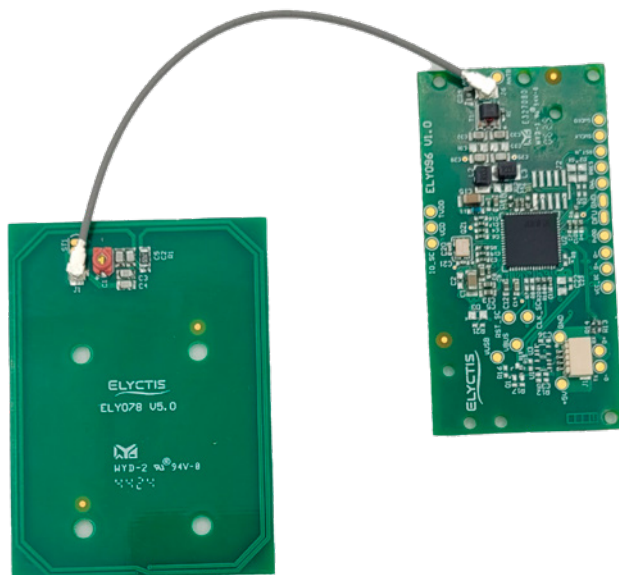


ID READER - OEM series

High speed dual reader



- USB and HSU connection
- Dual interface
- Integrated or remote contact SC
- Attached or remote antenna
- CCID protocol
- Fast reading
- Optimized for eID
- Low power

ID READER - OEM series

Features

General

- Dimensions 64 x 32 x 4 mm
- Temperature In operation: -20°C to +50°C
Storage: -40°C to +80°C
- Communication Hi-speed UART (1.288Mbit/s)
USB 2.0 full speed (12 Mbps)
- Host operating systems Any Embedded hosts
- Standby mode 320uA (Low Power Card Detection – LPCD)
- Polling mode 30mA (Waiting for a card)
- Communication mode 250mA max (Card in field)

Contactless reader

- Supported protocols ISO 14443 Part 1 to 4, type A/B – T=CL and Mifare
All Mifare products: Ultralight, 1K, 4K, Plus, DESFire EV1, Smart MX,...
- NFC support Card Reader/Writer mode
- Speed Baudrate up to 848 kbps
- Communication Custom CCID library (Android)
CCID compliant (Windows, MacOS, Linux)
PC/SC 2.01 compliant (Windows, MacOS, Linux)
- Firmware Pass-through command to reach protocol lower layer
Field upgradable

Contact card reader

- Supported protocols ISO 7816 – T=0 and T=1
5V, 3V, 1.8V, ISO 7816 Class A/B/C
- Speed Baudrate up to 230 kbps
Clock: Up to 10 Mhz
- Communication Custom CCID library (Android)
CCID compliant (Windows, MacOS, Linux)
PC/SC 2.01 compliant (Windows, MacOS, Linux)

Product Range

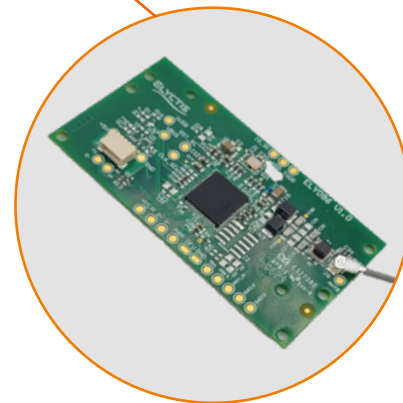
	ID READER 021 - USB					
Part number	28780062	28780063	28780103	28780104	28780122	28780123
Contactless reader	✓	✓	✓	✓	✓	✓
Contact reader	✓	✓	✓	✓	✓	✓
Contact station	Integrated	Remote	Integrated	Remote	Integrated	Remote
RFID antenna	Attached	Attached	Remote FPC	Remote FPC	Remote 50Ω	Remote 50Ω

	ID READER 012 - USB		
Part number	tbd	tbd	28780120
Contactless reader	✓	✓	✓
Contact reader			
Contact station	N/A	N/A	N/A
RFID antenna	Attached	Remote FPC	Remote 50Ω

	ID READER 011 - USB	
Part number	28780114	tbd
Contactless reader		
Contact reader	✓	✓
Contact station	Integrated	Remote
RFID antenna	N/A	N/A

	ID READER 021 - HSU	
Part number	tbd	tbd
Contactless reader	✓	✓
Contact reader	✓	✓
Contact station	Integrated	Remote
RFID antenna	Remote 50Ω	Remote 50Ω

P/N 28780120



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