

IDM40

Chinese ID card secure module



Overview

IDM40 Series ID card module conforms to the ISO14443 TYPEA/B international standard, supports the acquisition of ID card information, and can verify the validity of the ID card. Provide USB, TTL interface communication, small size, compact structure, durable, very suitable for embedded and handheld computers, tablet computers, smart locks, mobile devices, access control, express delivery, logistics and other fields.

Models

Models	Interface	Voltage	Cards type
IDM40(SM38)	TTL/USB	5V	Get UID of ISO14443A/B, S50/S70/ULT/NTAG/FM11RF08/FM1208, Chinese ID card

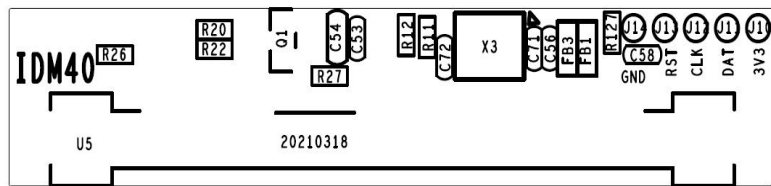
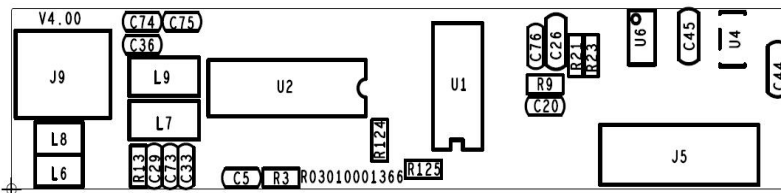
Features

- ◇ Small size, easy to install;
- ◇ Get UID of ISO14443A/B, S50/S70/ULT/NTAG/FM11RF08/FM1208, Chinese ID card

Specifications

Params	Description
Protocol	ISO/IEC14443A、ISO/IEC14443B
Frequency	13.56MHz
Baud rate	115200bit/s
Power	DC5V (±5%)
Working current	< 200mA
Communication Interface	TTL, USB
module embedding	> 20mm (Depends on work environments and card types)
Operating distance	IC card、UID of Chinese 2nd-generation ID card
Operating temperature	-10℃~+65℃
storage temperature	-20℃~+80℃
Working humidity	15%~90%
size	50*10*14mm (tolerance: ±1mm)

Size



Pin definition

Pin No.	Name	Description
1	5V	Power
2	GND	Ground
3	BUZZ	Buzzer
4	DM	USB-
5	DP	USB+
6	TX	Transmit data
7	RX	Receive data

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