

JMY6281 IC Card Read/Write Module

User's Manual

(Revision B V1.01)

Beijing Jinmuyu Electronics Co. LTD

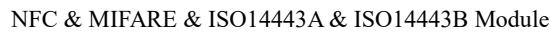
2025/2/18





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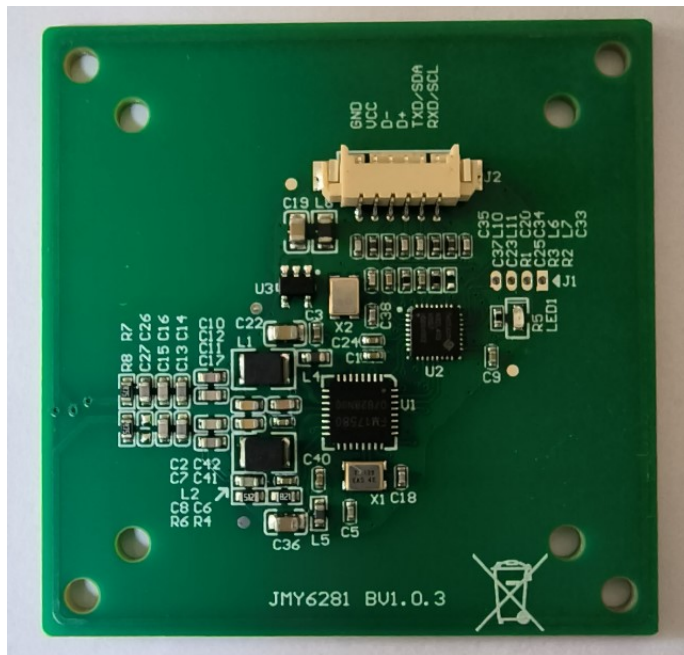




- Operating temperature: -25 to +85°C
- Storage temperature: -40 to +125°C

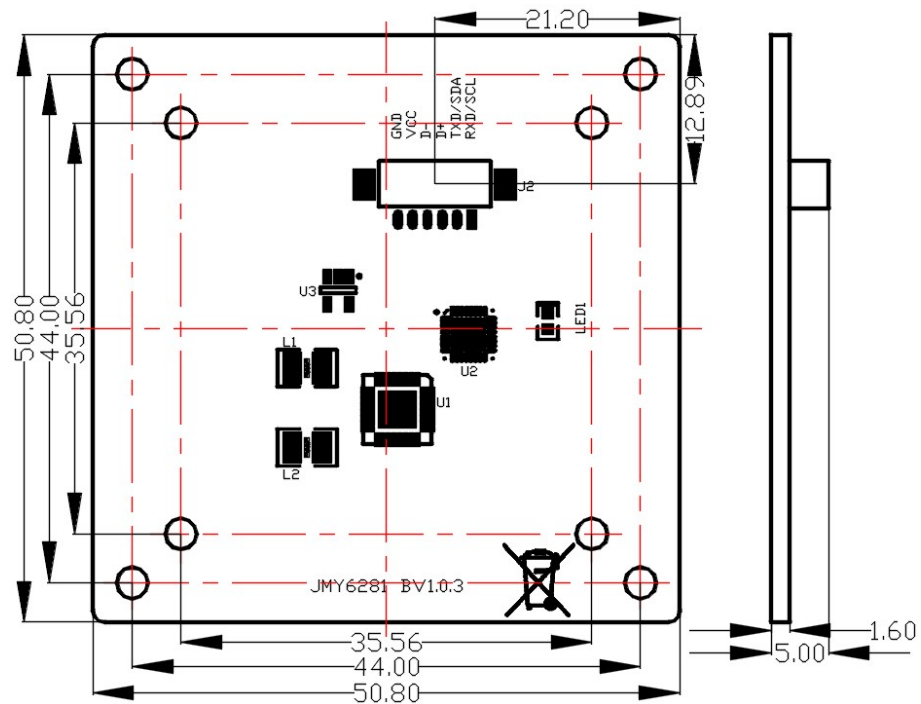
4 Physical parameter and pin outs

4.1 Photo (Front + Back)





4.2 Dimension



4.3 Pin configurations and pin outs

PIN	Function	Type	Description
1	RXD/SCL	Input	UART RXD / IIC SCL
2	TXD/SDA	Input/output	UART TXD / IIC SDA
3	D+	Input/output	USB D+
4	D-	Input/output	USB D-
5	VCC	Power	VCC
6	GND	Power	GND



4.4 Module function configuration table

	JMY6281A	JMY6281N
PCD	CV520//FM17580	PN512
JCP04 Protocol	●	●
JCP05 Protocol	●	●
MIFARE 1K	●	●
MIFARE 4K	●	●
MIFARE Ultra Light	●	●
MIFARE Ultra Light C	●	●
MIFARE Mini	●	●
MIFARE DESfire	●	●
MIFARE Plus	●	●
T=CL TYPE A	●	●
SR176		●
SRI512		●
SRI1K		●
SRI2K		●
SRI4K		●
SRIX4K		●
T=CL TYPE B		●
NFC Active Initiator		●
NFC Active Target		●
NFC Passive Initiator	●	●
NFC Passive Target		●
NFC Tag		●
On Chip Data Flash	2Kbytes	
IIC Interface	JMY6281AI	JMY6281NI
UART Interface	JMY6281AT	JMY6281NT
USB HID Interface	JMY6281AUH	JMY6281NUH



5 Operate the module

The physical interfaces of module are various. But the data link layer protocols are in accordance with JCP04 & JCP05. Please reference “JMY600 series general communication protocol manual.pdf”. For convenience to test the module, we supply PC software: TransPort to users. We have interface program source code to help users also. They are KELL projects in C51 or ASM51 format.

Please log on to our website: <http://www.jinmuyu.com> to download or mail to jinmuyu@vip.sina.com to obtain the resources.

6 Document update record

Version	Date	Details
B V1.00	October 16, 2024	Create a document
B V1.01	February 18, 2025	Modify the interface level description