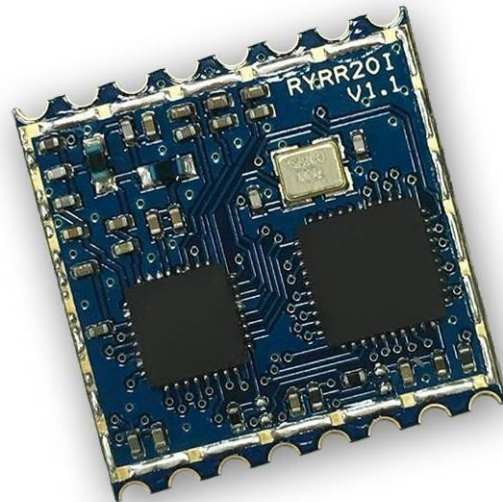


RYRR20I

Read/ Write ISO14443A Mifare ultralight and
ISO15693 TAG memory

Command Manual



Command Manual

Show in ASCII string, Baud rate 115200, 8, N, 1

Red for the command, green for the reply.

1. General settings for ISO14443A and ISO15693

0108000304FF0000	'Entry command mode, need to be released after booting
REYAX RYYR20I	
010A0003041001210000	'Parameter setup
Register write request.	
010C00030410002101000000	'Parameter setup
Register write request.	
0109000304F0000000	'Parameter setup
AGC Toggle	
0109000304F1FF0000	'Parameter setup
AM PM Toggle	
0108000304000000	'Reset module
RESET	
0108000304FE0000	'Ask about FW version
REYAX RYYR20I V1.3	

2. ISO14443A Read/ Write TAG memory

0109000304A0000000	'Read the card number of ISO14443A Mifare Ultralight, write twice if it couldn't read.
14443A REQA.	
14443A REQA.	
[042E41E3425F1D8080,7F]	'042E41E3425F1D8080 is the card number, 7F is the signal strength.
010E00030418A207AAAABBBB0000	'Write AAAABBBB to the memory of Block 07. 07 for Block, Max. is 0F.
Request mode.	
[]	
010A0003041830070000	'Read 4 memories of the Block constantly, from Block 7 to Block 10, Max. is 0F.
[AAAABBBB888800000000000000000000000067C8]	

3. ISO15693 Read/ Write TAG memory

<p>010B000304140401000000 ISO 15693 Inventory request [FFC7BA76500104E0,7F]</p>	<p>'Read ISO15693 card number, 'FFC7BA76500104E0 is the card number, 7F is the signal strength.</p>
<p>010F00030418002101AAAAAAAA0000 Request mode. [00]</p>	<p>'Write AAAAAAAAA to the memory of Block 01, 01 for Block.</p>
<p>010F00030418002102BBBBBBBB0000 Request mode. [00]</p>	<p>'Write BBBBBBBB to the memory of Block 02, 02 for Block.</p>
<p>010B000304180020010000 Request mode. [00AAAAAAAA]</p>	<p>'Read the memory of Block 01, 01 for Block.</p>
<p>010B000304180020020000 Request mode. [00BBBBBBBB]</p>	<p>'Read the memory of Block 02, 02 for Block.</p>

About

COM Port Setting

COM Port: Baudrate: StopBits: Parity:

ByteSize: Flow Control: Close Port

```
[2020-06-02_17:05:26:628]REYAX RYRR201
[2020-06-02_17:05:28:678]Register write request
[2020-06-02_17:05:28:778]
[2020-06-02_17:05:30:087]Register write request
[2020-06-02_17:05:30:197]
[2020-06-02_17:05:30:647]AGC Toggle
[2020-06-02_17:05:31:507]AM PM Toggle
[2020-06-02_17:05:45:805]ISO 15693 Inventory request
[2020-06-02_17:05:45:885]
[2020-06-02_17:05:45:885][63C7BA76500104E0,7F]
[2020-06-02_17:05:48:057]Request mode.
[2020-06-02_17:05:48:057][00]
[2020-06-02_17:05:49:966]Request mode.
[2020-06-02_17:05:49:979][00]
[2020-06-02_17:05:52:396]Request mode.
[2020-06-02_17:05:52:396][00AAAAAAAA]
[2020-06-02_17:05:53:798]Request mode.
[2020-06-02_17:05:53:811][00BBBBBBBB]
[2020-06-02_17:05:57:896]REYAX RYRR201 V1.3
[2020-06-02_17:05:12:110] Open COM Port Success
```

Operation

DTR RTS View File Show Time

HEX String Show In HEX Send With Enter

Input String: Send Command

Send File

Save Log

Command List

<input type="checkbox"/>		HEX <input type="checkbox"/>	Enter <input type="checkbox"/>	Delay(mS)
<input type="checkbox"/>	1: 0108000304FP0000	<input type="checkbox"/>	<input type="checkbox"/>	1 50
<input type="checkbox"/>	2: 010A0003041001210000	<input type="checkbox"/>	<input type="checkbox"/>	2 50
<input type="checkbox"/>	3: 010C00030410002101000000	<input type="checkbox"/>	<input type="checkbox"/>	3 50
<input type="checkbox"/>	4: 0109000304F0000000	<input type="checkbox"/>	<input type="checkbox"/>	4 50
<input type="checkbox"/>	5: 0109000304F1FF0000	<input type="checkbox"/>	<input type="checkbox"/>	5 50
<input type="checkbox"/>	6: Read the card number of ISO14443A Mifare	<input type="checkbox"/>	<input type="checkbox"/>	6 50
<input type="checkbox"/>	7: 0109000304A0000000	<input type="checkbox"/>	<input type="checkbox"/>	7 50
<input type="checkbox"/>	8: Write AAAAA BBBB to the memory of Block	<input type="checkbox"/>	<input type="checkbox"/>	8 50
<input type="checkbox"/>	9: 010E00030418A207AAAA BBBB0000	<input type="checkbox"/>	<input type="checkbox"/>	9 500
<input type="checkbox"/>	10: Read 4 memories of the Block constantly, fr	<input type="checkbox"/>	<input type="checkbox"/>	10 500
<input type="checkbox"/>	11: 010A0003041830070000	<input type="checkbox"/>	<input type="checkbox"/>	11
<input type="checkbox"/>	12:	<input type="checkbox"/>	<input type="checkbox"/>	12 50
<input type="checkbox"/>	13: Read ISO15693 card number	<input type="checkbox"/>	<input type="checkbox"/>	13 50
<input type="checkbox"/>	14: 010B000304140401000000	<input type="checkbox"/>	<input type="checkbox"/>	14
<input type="checkbox"/>	15: Write AAAAAAAAA to the memory of Block	<input type="checkbox"/>	<input type="checkbox"/>	15
<input type="checkbox"/>	16: 010F00030418002101AAAAAAAAA0000	<input type="checkbox"/>	<input type="checkbox"/>	16
<input type="checkbox"/>	17: Write BBBBBBBB to the memory of Block	<input type="checkbox"/>	<input type="checkbox"/>	17
<input type="checkbox"/>	18: 010F00030418002102BBBBBBBBB0000	<input type="checkbox"/>	<input type="checkbox"/>	18
<input type="checkbox"/>	19: Read the memory of Block 01, 01 for Block	<input type="checkbox"/>	<input type="checkbox"/>	19
<input type="checkbox"/>	20: 010B000304180020010000	<input type="checkbox"/>	<input type="checkbox"/>	20
<input type="checkbox"/>	21: Read the memory of Block 02, 02 for Block	<input type="checkbox"/>	<input type="checkbox"/>	21
<input type="checkbox"/>	22: 010B000304180020020000	<input type="checkbox"/>	<input type="checkbox"/>	22
<input type="checkbox"/>	23:	<input type="checkbox"/>	<input type="checkbox"/>	23
<input type="checkbox"/>	24:	<input type="checkbox"/>	<input type="checkbox"/>	24
<input type="checkbox"/>	25: Reset module	<input type="checkbox"/>	<input type="checkbox"/>	25
<input type="checkbox"/>	26: 0108000304000000	<input type="checkbox"/>	<input type="checkbox"/>	26
<input type="checkbox"/>	27: Ask about FW version	<input type="checkbox"/>	<input type="checkbox"/>	27
<input type="checkbox"/>	28: 0108000304FE0000	<input type="checkbox"/>	<input type="checkbox"/>	28
<input type="checkbox"/>	29:	<input type="checkbox"/>	<input type="checkbox"/>	29

Run Times:
Delay Time(mS):



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