

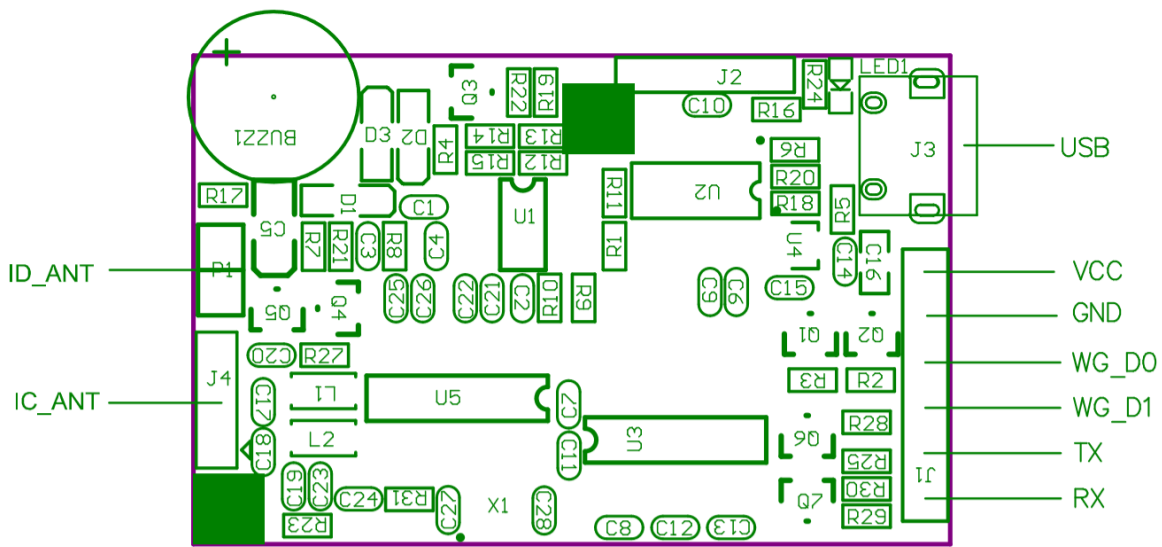
Dual Frequency RFID Reader Module Datasheet

ACM-MU145 is a module that reads the UID card number of the 125Khz & 14443A 13.56Mhz protocol, It can also be compatible with USB, TTL, 232, wegen 26,34 and other communication interfaces, Compact size, SMT mounting, Easy to integrate into the advertising machine, electronic class, integrated LCD screen, electronic door lock, access control, attendance, and other terminal equipment.

1. Technical parameters

Item	Parameters	Item	Parameters
Operating frequency	125Khz、 13.56MHZ	Support card type	125K EM4100 MFS50 /S70 /ntag203/ntag213
Interface	USB/TTL/232/WG26/34 (options)	Baud rate	9600-115200Kbit/s (Default 115200-serial port)
Power supply	3.3~5.5V are supported	Current consumption	<100mA
Read Range	0-100mm	Communication speed	106Kbit/s
Extended I/O port	yes	Status indicator	Lights and buzzers
Operating temperature	-10°C ~ +70°C	Storage temperature	-20°C ~ +80°C
Operating humidity	Relative humidity is 0 ~ 95%	Weight	10G
Size (module)	42MM*27MM*4MM	Size (antenna)	Built-in
Other	Specific 2 fixed holes	Operating system	Android、 Windows, etc.

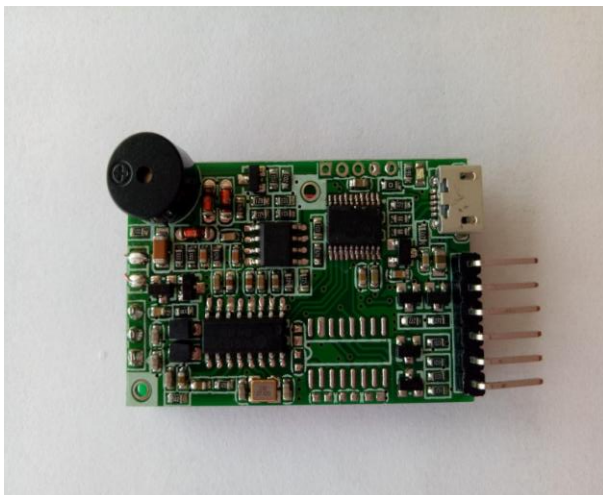
2. Wiring definition



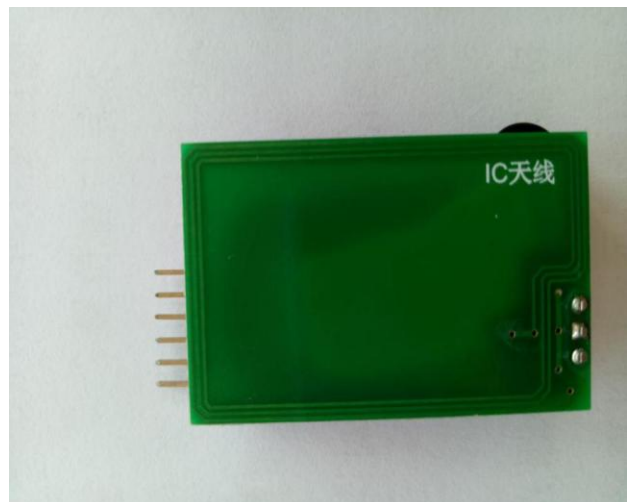
3. Application Fields:

Advertising machine, electronic class, integrated LCD door lock access system, attendance system, orientation security system, storage system, storage management, etc.

4. Module pictures



(Module front)



(Back)