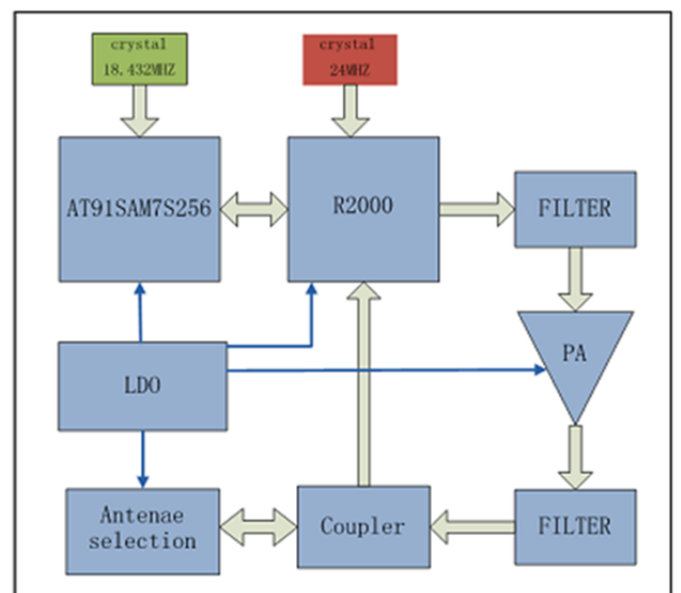
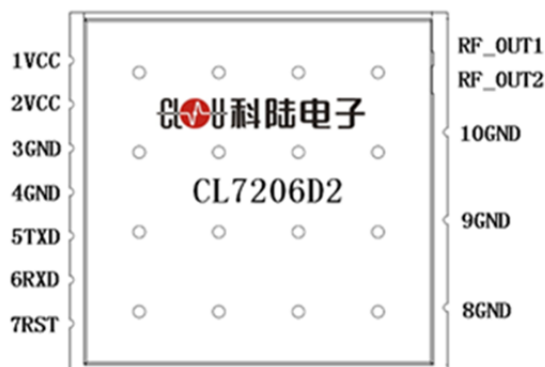


CL7206D2

2-port Long distance UHF RFID Module

For fixed reader / handheld reader integration



FEATURES:

- ✓ **Powerful:** Developed based on Impinj R2000 core platform
- ✓ **Excellent:** Max UHF RFID function
- ✓ **Advanced:** Digital signal processing highly integrated structure
- ✓ **Humanist:** miniaturization design for easier integration application
- ✓ **Omnipotent:** API simplification packed for kinds of device development

TYPICAL APPLICATIONS:

- ✓ Handheld RFID Reader integration
- ✓ Split-type Fixed RFID Reader integration
- ✓ Integrated RFID Reader
- ✓ RFID Tag Writer
- ✓ RFID embedded equipment such as Tag Printer, ATM, anti-counterfeiting equipment, identification system equipment, WMS system channel equipment and so on, intelligent mobile phone, handheld terminal, desktop reader, industrial control device and so

Physical	
Size:	47.5mm x 45mm x 3.9mm
Weight:	25g
Housing Material:	PCB
Power supply:	DC+5V
Consume :	3.25W (at 27dBm)
Antenna interface:	2 port available
UHF RFID	
Protocol:	ISO/IEC18000-6B,6C / EPC C1Gen2
Frequency:	USA:902 MHz-928MHz (FCC part 15) EU:865-868MHz(ETSI EN 302208) CHN:920-925MHz

Decoding method	FM0, Miller 2/4/8
Functions	Read single/multi-tag, write, lock, encrypt, kill the appointed tag
Supported data rate	40k , 160k , 320k , 400
Output Power:	0dBm-30dBm (± 1 dBm) adjustable
Maximum output power	950mA @ +25dBm
Power adjustment:	1dBm step-by-step
Channel bandwidth:	< 200KHz
Frequency stability:	$\leq \pm 10$ ppm
Output VSWR	$\leq 1.3 : 1$ (depending on antennas)
Interface:	RS-232(TTL)
Work Mode:	Fixed/hop frequency optional
Communication speed	10m/100m self-adaptable
Reading speed	>400times/S
I/O interface	2 optcoupler input/ 2 relay output
Anti-collision	Excellent ant-collision algorithm, support intensive multi-tag reading
Software	Support RSSI ,antenna/power detection, online update, data filtering
Testing condition :	connected 8dBi liner polarization antenna
Reading Distance:	0-10m (depending on antennas and application environment)
Writing Distance:	0-4m (depending on environment)
Operational Environment	
Working Temperature:	-20 - +70°C
Storage Temperature:	-45 - +85°C
Related humidity :	10%-95%