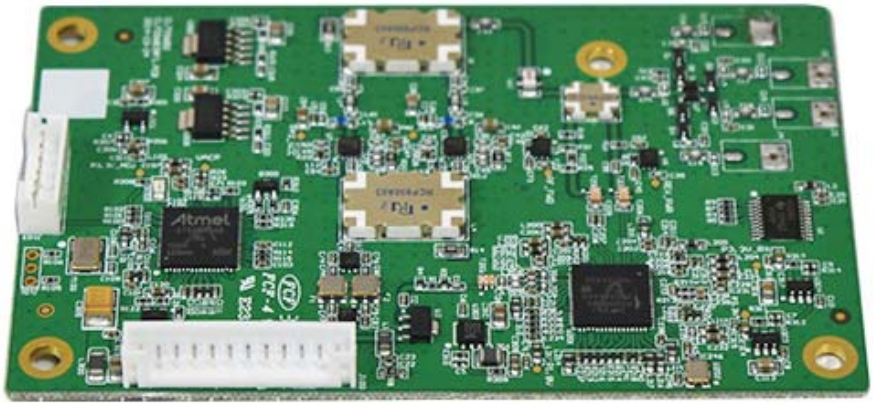
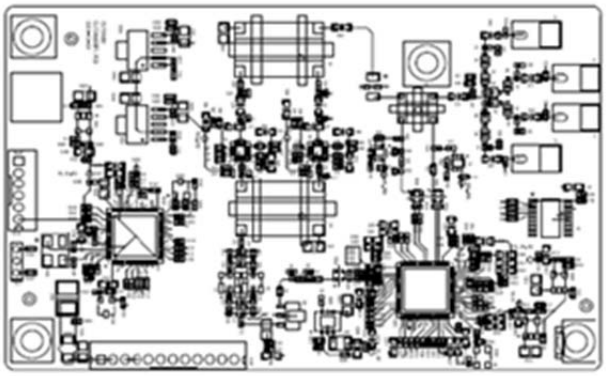
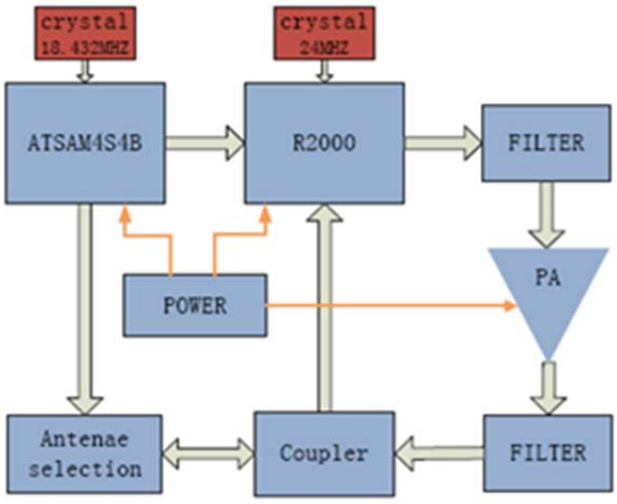
深圳市科陆物联信息技术有限公司
Shenzhen Clou IOT Technologies Co.,Ltd

CL7206D5 4-port RFID ReaderModule

For fixed reader / handheld reader integration







FEATURES:

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

TYPICAL APPLICATIONS:

- ✓ RFID gate reader
- ✓ Split-type 4-port Fixed RFID Reader integration
- ✓ Integrated RFID Reader
- ✓ RFID embedded equipment such as assess control system equipment, production/supply chain/working station management, Automatic data Terminal, ATM, anti-counterfeiting equipment, identification system equipment, WMS system channel equipment, industrial control device and so on

Physical	
Size:	97.6mm x 61.5mm x 9.6mm
Weight:	85g
Housing Material:	PCB
Power supply:	DC+5V
Consume：	3.25W (at 27dBm)
Antenna interface:	4 port available (Bluetooth antenna supportable)
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

Functions	read single/multi-tag, write, lock, encrypt, kill the appointed tag
Decoding method	FM0, Miller 2/4/8
Supported data rate	40k , 160k , 320k , 400k
Output Power:	0dBm-33dBm (±1dBm) adjustable
Maximum output power	+33dBm
Power adjustment:	1dBm step-by-step
Channel bandwidth:	＜200KHz
Frequency stability:	≤±10ppm
Output VSWR	≤1.3 : 1 (depending on antennas)
Interface:	RS-232(TTL)
Work Mode:	Fixed/hop frequency optional
Communication speed	10m/100m self-adaptable
Reading speed	>400-500times/S
I/O interface	4optcoupler input/ 4 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:	0-15m (depending on antennas and application environment)
Writing Distance:	0-4m (depending on environment)
Operational Environment	
Working Temperature:	-20 - +70°C
Storage Temperature:	-40 - +85°C
Related humidity :	10%-95%
Support	
Documentation:	API; Development Guide; User manual