

High Sensitivity Decoding RF Receiver Module KL-CW06

User Manual & Tech data

KL-CW06 is high quality super-heterodyne receiver module with VHF/UHF. The module is based upon markets' feedback and a lot of customer's advice. Its shocked in the electronic products market. The module adopting LSI circuit with high frequency and low noise which is imported from famous company of Europe. It has strong anti-static protection, high reliability and competitive price. It's widely used in remote garage door opener, auto gates as retract type, brakes, GSM/GPS system, factory automatic, communication and security system etc.

Key Feature:

- Ø High sensitivity, down to -115dBm;
- Ø Small size (31.5*13.5*6 mm)
- Ø Fully integrated VCO and PLL Synthesiser
- Ø Date slicer with self-adjusting thresholdngle
- Ø conversion ASK superheterodyne receiver

Application:

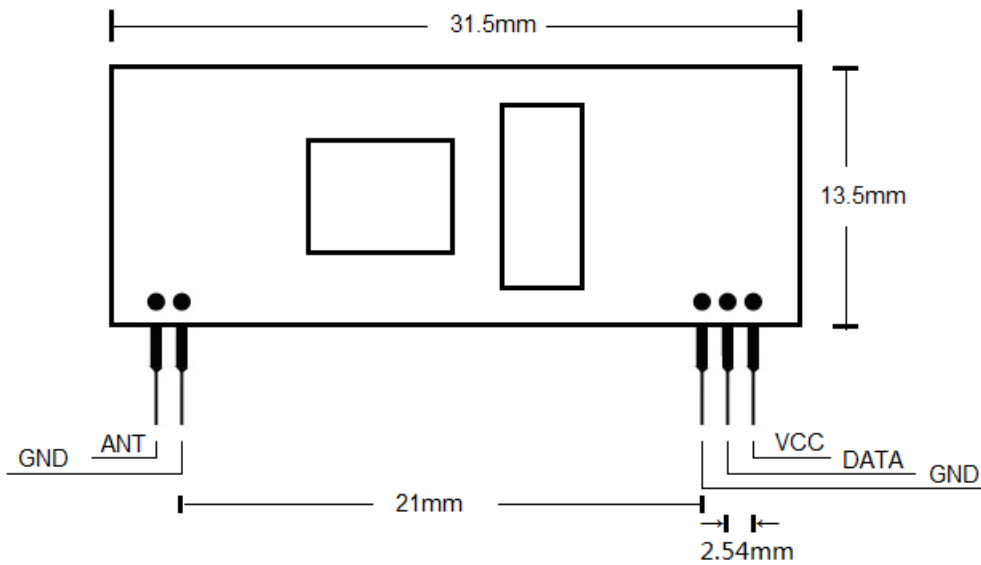
- Ø Automobiles
- Ø Remote control alarm
- Ø Remote engine starter
- Ø Long-distance switch
- Ø Wireless Data Transmission
- Ø Home Automation
- Ø AMR- Automatic Meter Reading
- Ø Garage door and gate openers

Characteristic:

Parameter	Min	Typical	Max	Unit	Condition
Operation Conditions					
Operating Temperature Range	-10		+70	°C	
Soldering Temperature			+230	°C	10sec
Operating Supply Voltage		5		V	
Current Consumption					
Receiving Status		12		mA	
Standby Status		12		mA	

RF Characteristic					
Bandwidth		330		KHz	
Data Rate				Kbps	ASK
Sensitivity		-110		dBm	
Modulation		ASK			

Pin Assignment:



Function	Description
DATA	Data Output
ANT	Antenna
GND	Power Negative
VCC	Power + Input