



High Q , Sensitive RCC Receiver Module

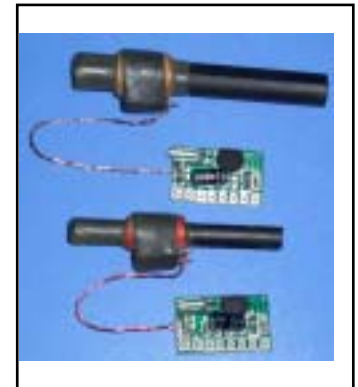
40~77.5KHz 单频模块

Description

@High Q Value Bar..

@High Reliability Crystal

@High Reliability Decoder MCU.



The DL8101 is an RCC Receiver module .

The result is excellent perf

The DL8101is designed specifically for radio

controlled clock , wireless temp/humidity weather station

clock operating at 40KHz ~ 77.5KHz

Applications

- Car Clock system
- Home
- Automation system
- Wireless temp/humidity weather station clock

Product Identification

40KHz	DL8101-40
60KHz	DL8101-60
77.5KHz	DL8101-77



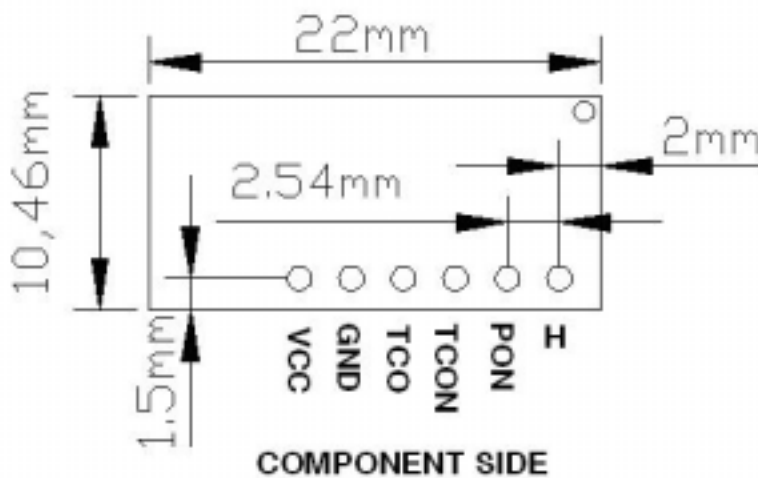
Absolute Maximum Ratings

Parameter	Rating	Units
Supply Voltage	1.26-5.5	V DC
Operating Temperature	-20 to +85	°C

(all data test in temperature. 25DEG C)

Parameter	Symbol	Condition	Specification			eUnit
			Min.	Typical	Max.	
Operation Voltage			1.26	3	5.0	V
Sensitivity	UV/M	RCG-467W, ANT 47.6CM		25	50	UV/M
Operating current	uA	Vcc=3V		100	300	uA

Pin Dimension (unit : mm)



德国的小磁棒是3*8*50

PIN Description:

VCC: 3V or 1.5V 电源接口

GND : 电源地

TCO : 数据正相输出, 依软件的解码方式作选择。

TCON : 数据负相输出, 依软件的解码方式作选择。

H : PCB 上已接 VCC。不用处理

PON: RCC 模块电源控制口, 低有效。



Design hints(设计要点):

请在设计磁棒位置时,应充分考虑到干扰问题,

1. 尽量远离 LCD, LCD 出脚位,特别是 COMMON 脚,
2. 尽量远离电池仓,以免影响接收频率。
3. 模块小板 VCC 电源最好单独一根走线,并同时加合适的电解电容在 VCC 引脚附近,以尽可能减小电源的不稳定性而引起的干扰问题
4. 最好在 LCD 金手指位的另一面加铺铜箔。以最大限度地屏蔽 LCD 的干扰信号。