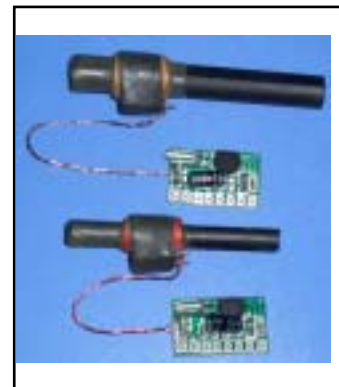


High Q , Sensitive RCC Receiver Module

40~77.5KHz 单频模块

Description

- @High Q Value Bar..
- @High Reliability Crystal
- @High Reliability Decoder MCU.



The SDL8061 is an RCC Receiver module.

The result is excellent performance in a simple-to-use .

The SDL8061 is 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	SDL8061-40
60KHz	SDL8061-60
77.5KHz	SDL8061-77

BAR can be select size: 3mm*8mm*50mm; 8mm*60mm,10mm*60mm, 10mm*80mm

Absolute Maximum Ratings

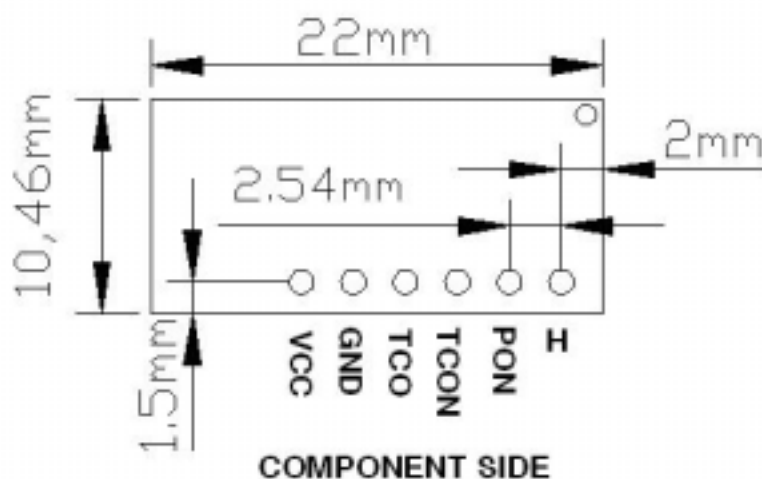
Parameter	Rating	Units
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Supply Voltage	1.26-5.5	V DC
Operating Temperature	-20 to +85	°C

(all data test in temperature. 25DEG C)

Parameter	Symbol	Condition	Specification			eUnit
			Min.	Typical	Max.	
Operation Voltage			1.26	3	5.0	V
Sensitivity (RCG-467W)	UV/M	DCF BAR 8* 60		50	75	UV/M
		WWVB BAR 8* 60		30	40	
		MSF BAR 8* 60		30	40	
Operating current	uA	Vcc=3V		100	300	uA

Pin Dimension (unit : mm)



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。