

技术数据表



IC,

R H

PI

RO

This product contains high-speed and high sensitivity pin photo diode and Low power consumption, high gain Preamplifier Ic Adopting epoxy resin plastic encapsulated semi circular spherical packaging Dual shielding and anti-interference design for both inside and outside, This product has been certified by Reach and Rohs as an environmentally friendly product, Used as a receiver in infrared remote control systems

特点 (

:

*

Small volume epoxy plastic packaging

*

* * *

: 12.5*10*5.6*16mm

Appearance dimension length * width * height* foot length : 12.5*10*5.6*16mm.

*

2.7-5.5V

Wide working voltage, 2.7-5.5V

*

Low power consumption; Wide angle and long-distance reception

*

withstand environmental interference

*

TTL CMOS

Output matching TTL, CMOS level, low level effective

应用领域 (

):

*

Household appliances (air conditioning, fans, heaters, humidifiers)

*

DVD

DVD

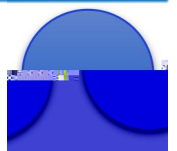
Multimedia audiovisual equipment (TV, DVD, set-top box, car mounted mobile DVD, hard drive player)

*

Computers and peripheral equipment, induction sanitary ware

*

Industrial Control, Automation



目录

Catalog

电性参数

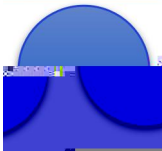
电性特性曲线

可靠性实验

外形尺寸

包装

使用注意事项



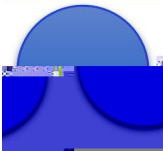
电性参数

Supply Voltage

VDD

6.0

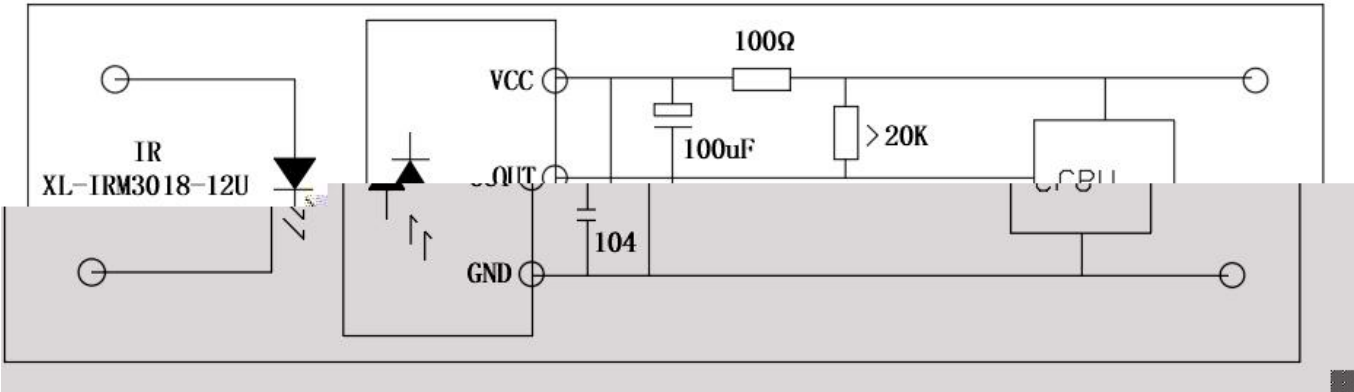
V



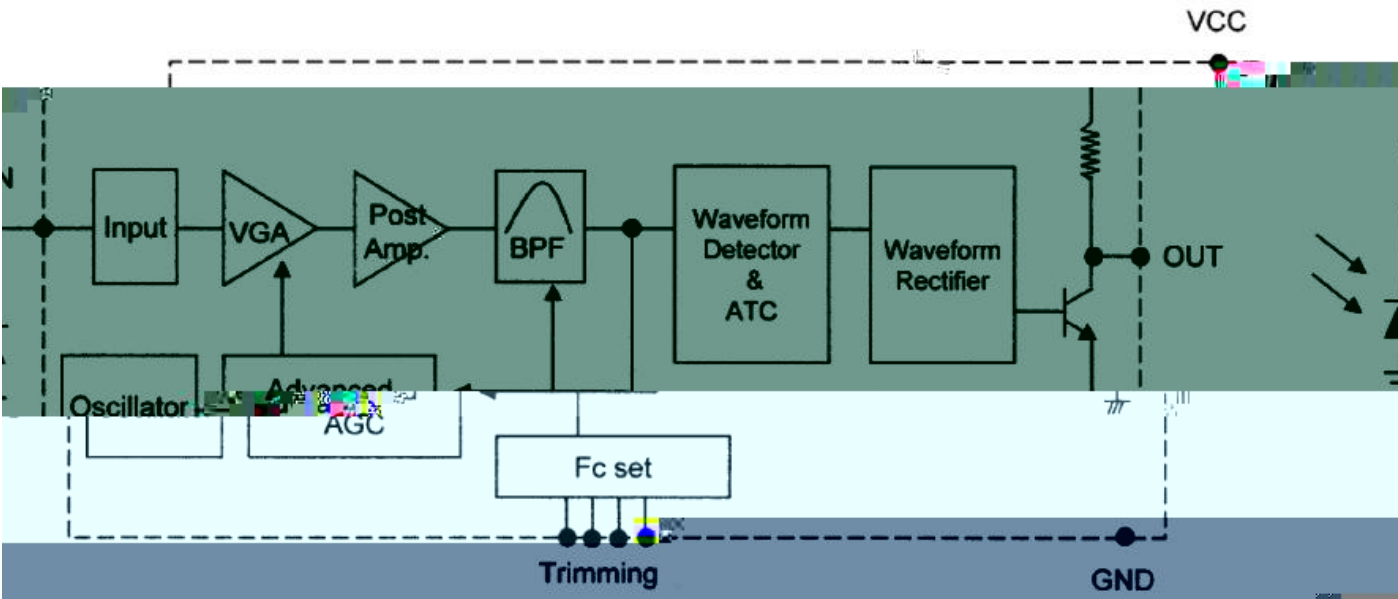
Recommended usage conditions

Supply Voltage	VDD	2.7	-	5.5	V
input frequency	FM	-	37.9	-	KHZ
Operating temperature	Topr	-	25	-	°C

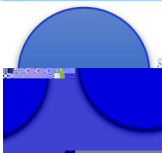
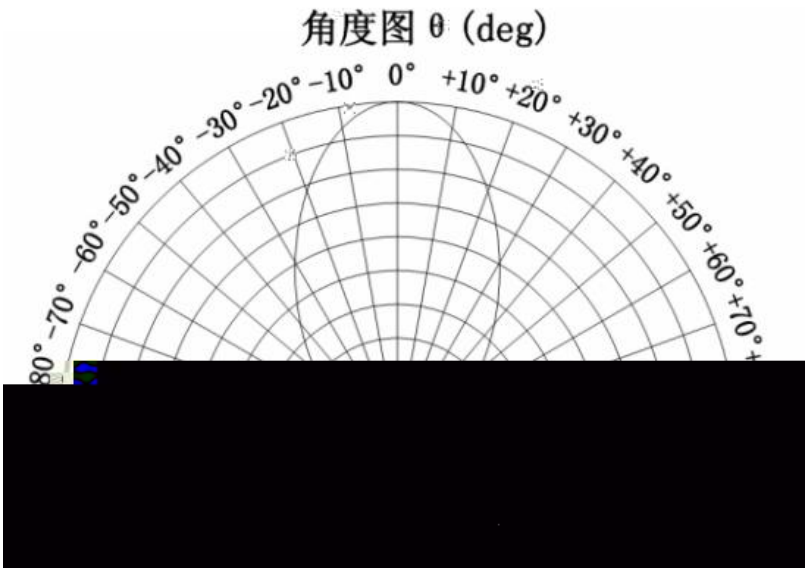
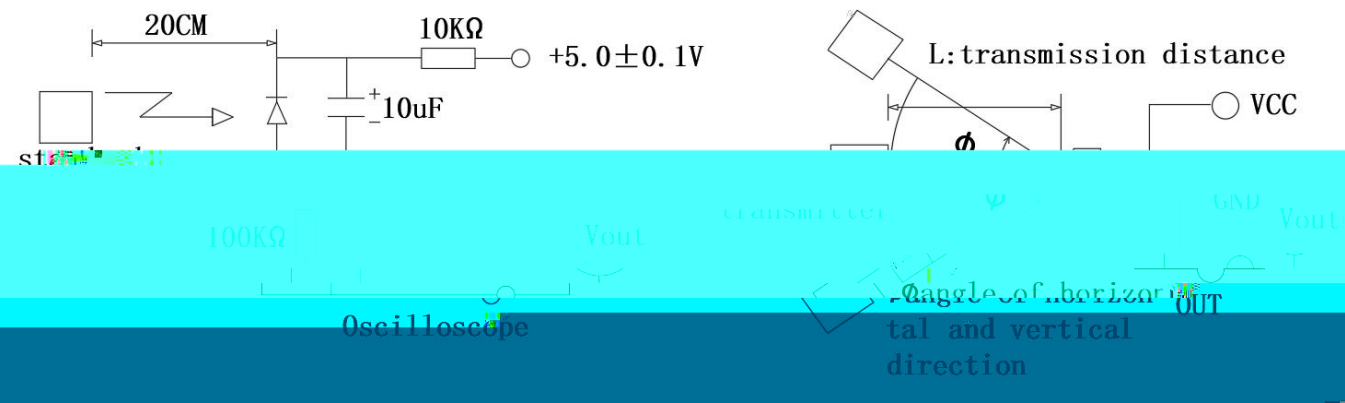
Application circuit diagram



schematic diagram



Receiving angle testing method



接收距离分档

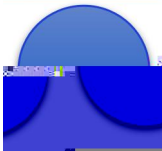
代码	最小值	最大值	单位	测试条件
L1	6	8	M	ICC=0.5mA
L2	10	15		
L3	15	20		

工作电压分档

代码	最小值	最大值	单位	测试条件
V1	2.5	5.5	V	ICC=0.5mA
V2	2.7	5.5		

工作电流分档

代码	最小值	最大值	单位	测试条件
I1	0.3	0.5	mA	VDD=5V
I2	0.4	0.7		



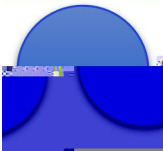
可靠性试验

Reliability Test Items And Conditions

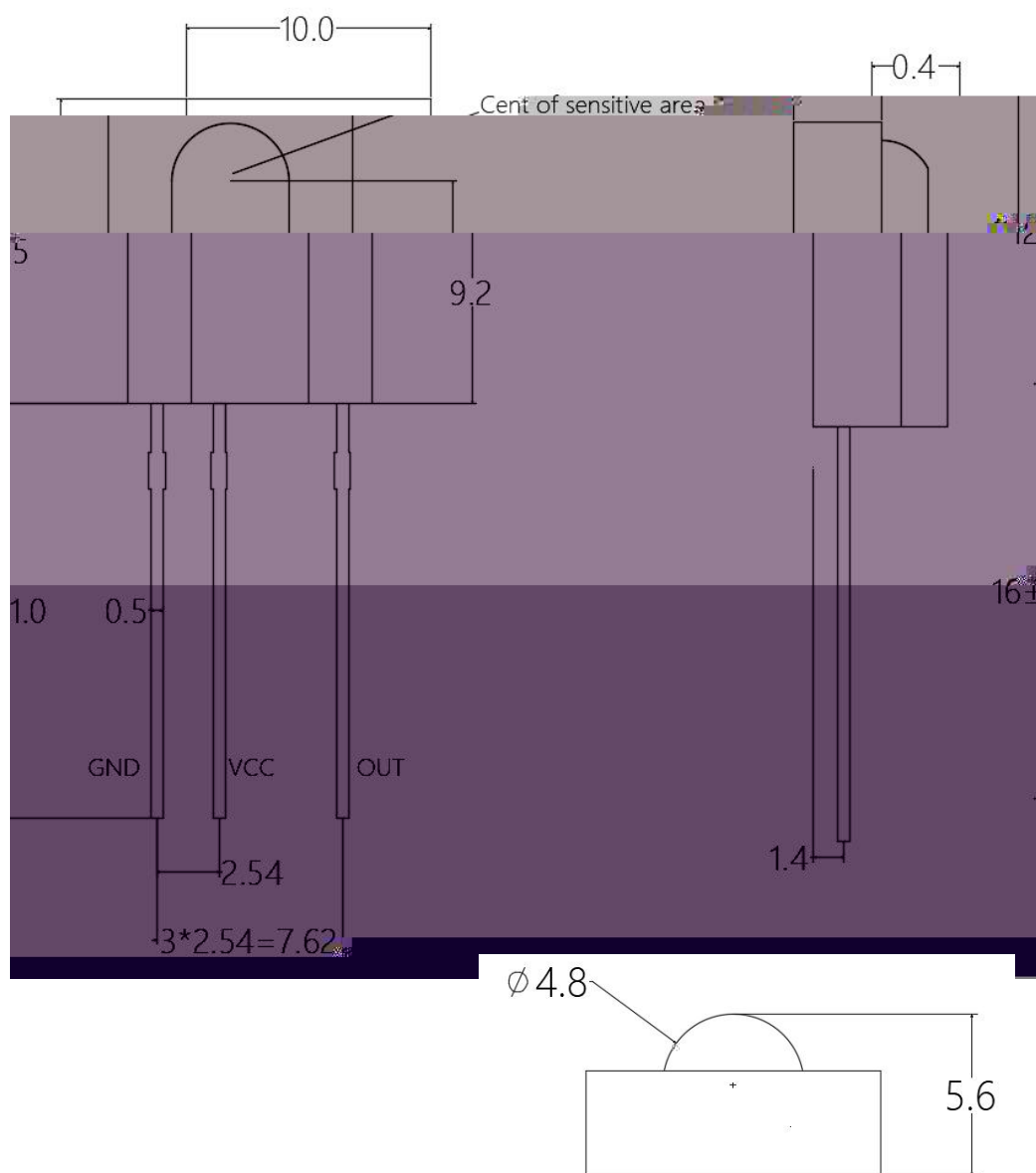
*

	260 ± 5	5	20	20
	100PF 1.5KΩ , 4KV ,		20	20
	10-50HZ/1min 1.5mm X Y Z/30min	30	20	20
	85 ± 2	240	20	20
	-20 ± 2	240	20	20

240

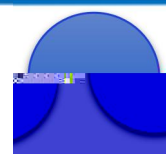


外形尺寸



(Note)

1. Dimensions are in millimeters.
2. Tolerances unless mentioned are $\pm 0.25\text{mm}$.



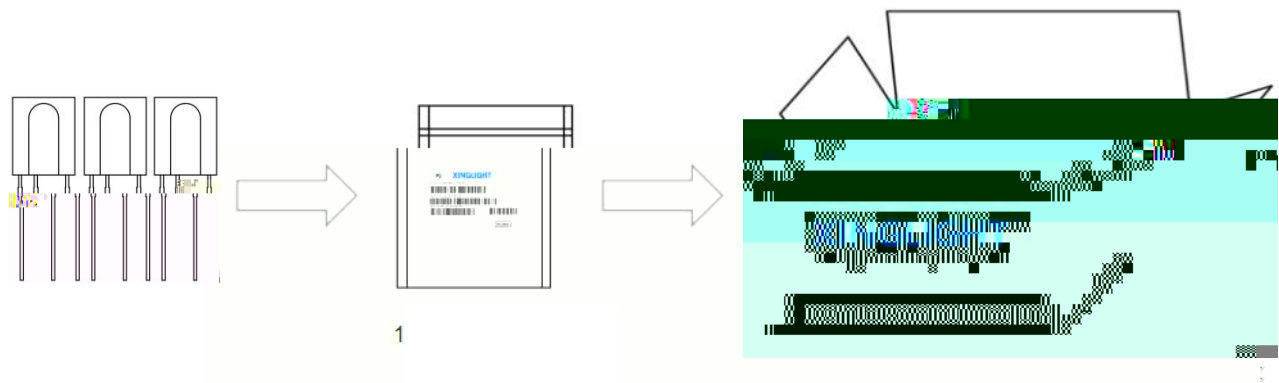
包装

*

In Bags

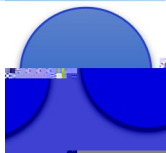
*

Moisture Proof and Anti-Static Foil Bag



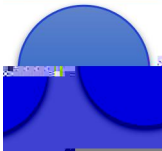
标签说明 Label Expansion

		XINGLIGHT	
TYPE: 100-10000	TYPE: 10000	TYPE: 10000	TYPE: 10000
TYPE: 10000	TYPE: 10000	TYPE: 10000	TYPE: 10000
TYPE: 10000	TYPE: 10000	TYPE: 10000	TYPE: 10000
TYPE: 10000	TYPE: 10000	TYPE: 10000	TYPE: 10000
TYPE: 10000	TYPE: 10000	TYPE: 10000	TYPE: 10000
TYPE: 10000	TYPE: 10000	TYPE: 10000	TYPE: 10000
TYPE: 10000	TYPE: 10000	TYPE: 10000	TYPE: 10000
TYPE: 10000	TYPE: 10000	TYPE: 10000	TYPE: 10000
TYPE: 10000	TYPE: 10000	TYPE: 10000	TYPE: 10000



使用注意事項 ()

1. This Infrared receiver head can be used in some ordinary electronic equipment, such as audio equipment, communication equipment, house decoration, if it is used in some



使用注意事項 ()

