Environmentally friendly photosensitive sensor

Product specifications

Customer	
Date	
Model	LLS03-D ML
Product number	

Make	
Approval	
Customer Signatures	

森霸传感科技股份有限公司

Sales center

5109 T3 32

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Tel 86-755-82594756 18929323299

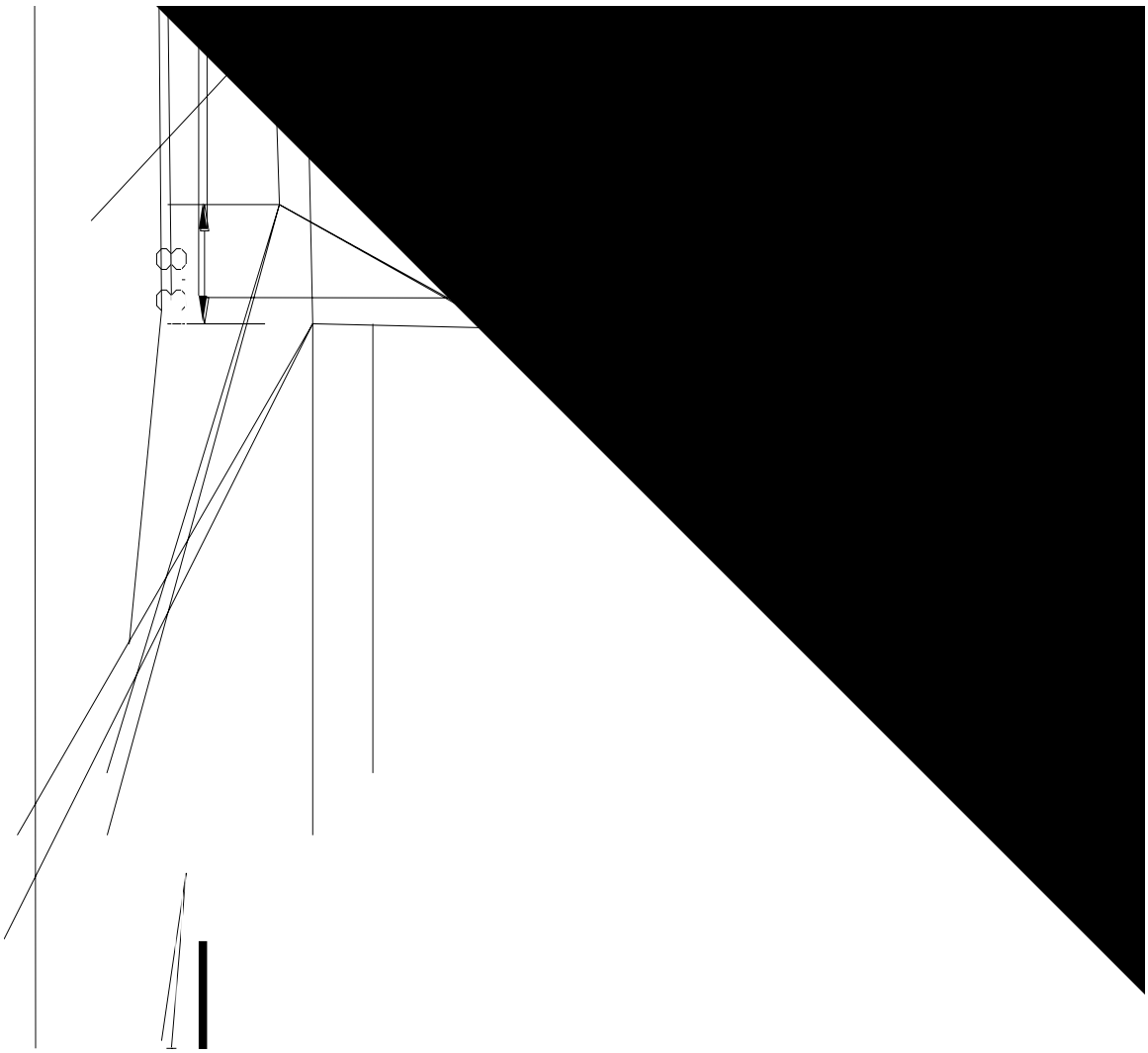
Fax 86-755-82594762

■

Product function

1. (CdS) ROHS
   Replace Photoresistors(Cds),RoHS Compliance/Pb-free/Cd-free.
2. LCD
   adjust background light automatically,LCD,mobile phone,camera,Computer Camera etc.
3.
   Suitable for all kinds of light control products and light control toys,

■ Product Dimensions

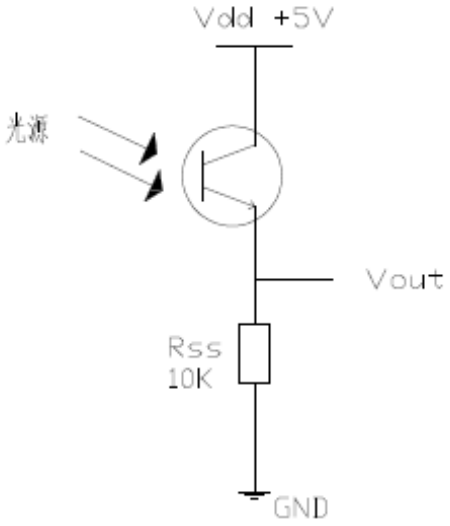


■ **Ta=25 MAXIMUM RATING (TA = 25 ° C)**

Parameter name	Symbol	Rating	Unit
- Collector-Emitter Voltage	V_{CEO}	20	V
- Emitter-Collector Voltage	V_{ECO}	5	V
Consumption	Pc	70	mW
Working temperature	T_{opr}	-25 85	°C
Storage temperature	T_{stg}	-40 100	°C

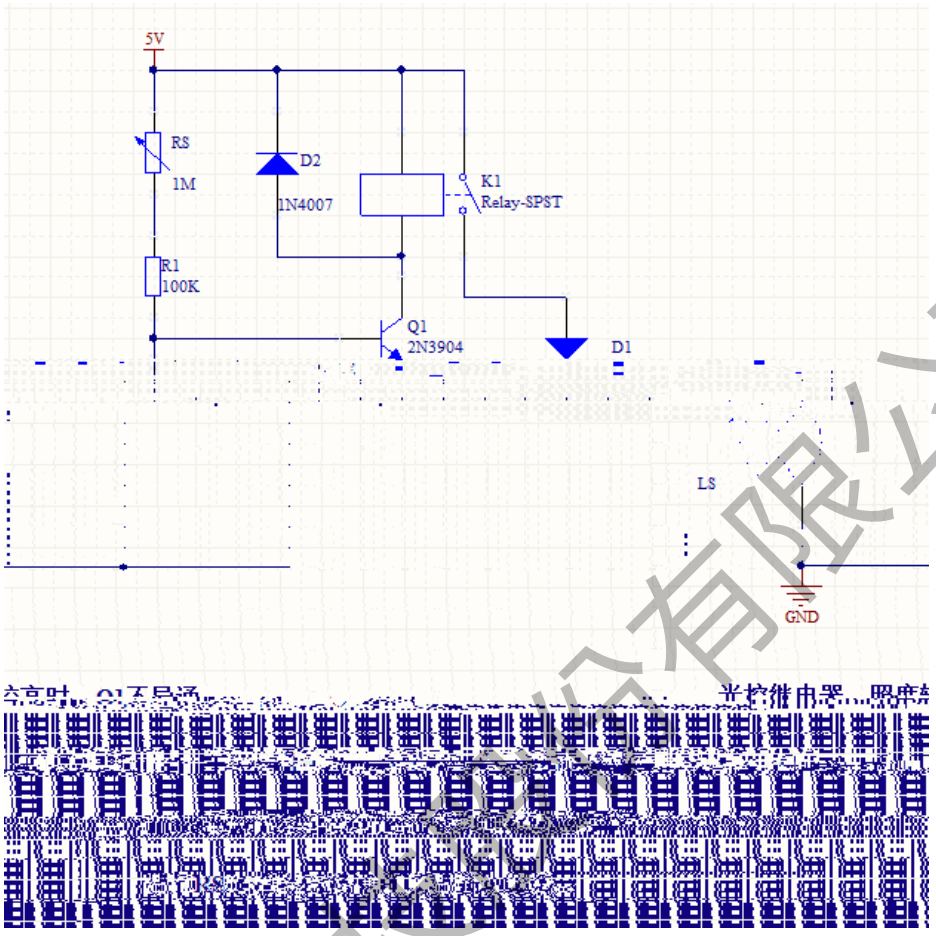
■ **Ta=25 ELECTOR-OPTICAL CHARACTERISTICS (TA = 25**

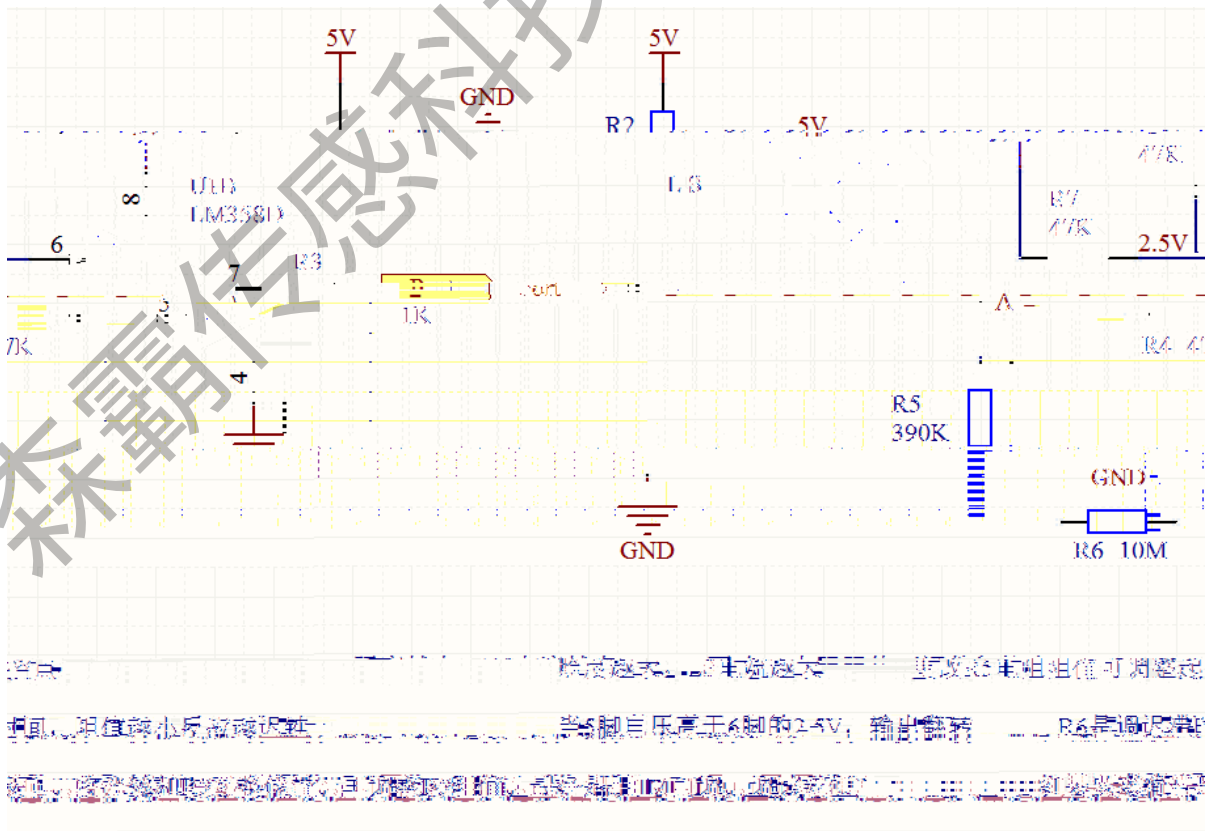
■ Test schematic



Photocurrent

■ Reference circuit





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■ Reliability Test

Test Parameter	Reference Criterion	Test Condition	Time	Quantity	/ Ac/RE

■ **Recommended Soldering Conditions**

Mode		Condition
Manually Soldering	Soldering Iron Temperature	340 Max340 (power:60Wmax)
	Soldering Time	3 ≤ 3 seonds
	Soldering Position	1.5mm 1.5mm Min.(Form soldering joint to colloid)
Wave Soldering	Preheat	110 110 Max.80 sec.Max.
	Temperature	260 ≤ 260
	Soldering Time	5 ≤ 5 seonds
	Preheat	100 100 Max.60 sec.Max

Solder pot Soldering

■ Precautions

1. 0 +30°C 70% 3 3

The storage conditions of the product after leaving the factory shall be 0 to + 30 ° C, the relative humidity shall not be more than 70%, and the storage period shall be 3 months. If the storage period is more than 3 months, the product shall be placed in a closed container with nitrogen or desiccant, and the storage period may be up to one year

2. 0 +30°C

Once the package is opened, the products should be used up as soon as possible . If it is not used up,It should be sealed immediately. The storage condition is 0 +30°C, and the relative humidity ≤ 60%. It should be used up within one week

3.