



## Environmentally friendly photosensitive sensor

### Product specifications

<b>Customer</b>	
<b>Date</b>	
<b>Model</b>	LLS03-D ML
<b>Product number</b>	

<b>Make</b>	
<b>Approval</b>	
<b>Customer Signatures</b>	

Sales center

5109

T3 32

Address: 32<sup>nd</sup> Floor, Tower T3, One Excellence, No.5109 Menghai Avenue, Nanshan District, Shenzhen, China

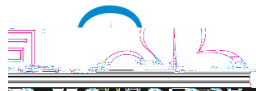
Website [www.nysenba.com](http://www.nysenba.com)

Tel 86-755-82594756 18929323299

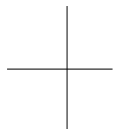
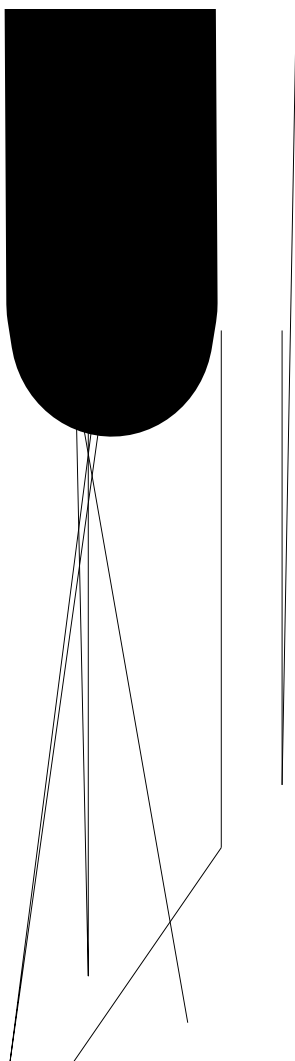
Fax 86-755-82594762

## 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

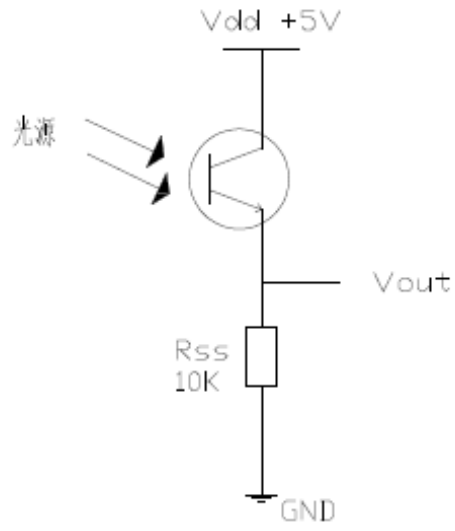


**Ta=25 MAXIMUM RATING (TA = 25 ° C)**

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

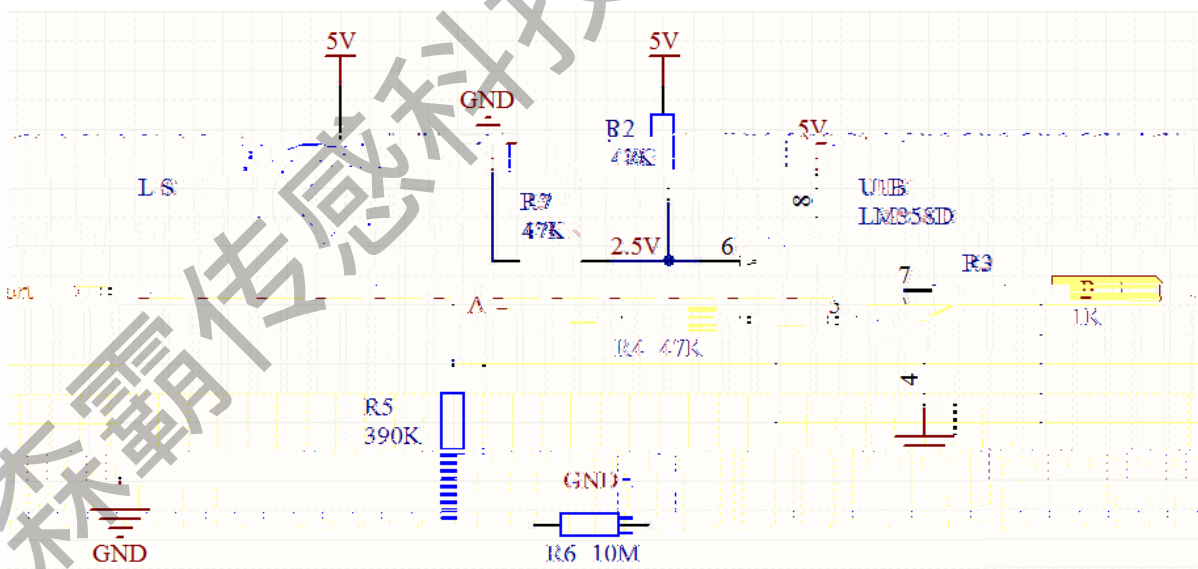
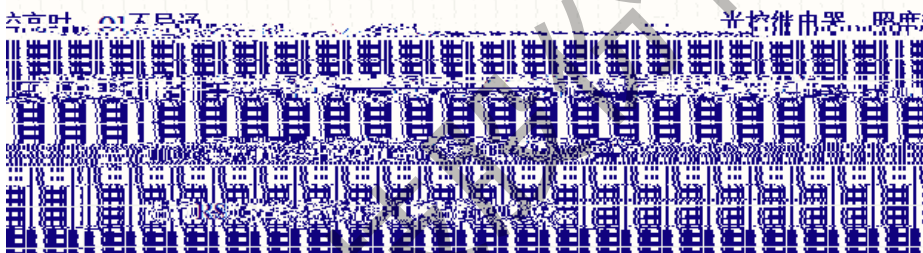
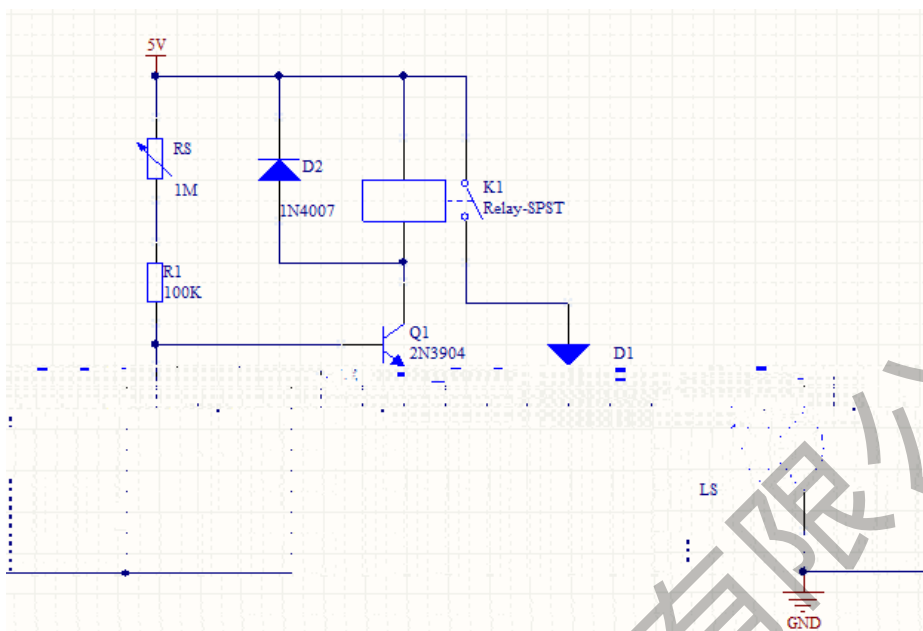
**Ta=25 ELECTOR-OPTICAL CHARACTERISTICS (TA = 25**

Test schematic



Photocurrent

Reference circuit



当5脚电压高于6脚的2.5V，输出翻转。R6是调整滞回时间，阻值越大反滞回越短。





## Reliability Test

Test Parameter	Reference Criterion	Test Condition	Time	Quantity	Ac/RE
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**Recommended Soldering Conditions**

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

Solder pot Soldering

**Precautions**

1. 0 +30°C 70% 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.