技术数据表

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特点（C ）：

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Color Temperature and Ambient Light Sensing.

* ϒ w

Low Power Management .

* 16 β №

16 B

目录

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(VDD=3V Ta=25℃) Electrical Characteristics (VDD = 3V, Ta = 25℃).

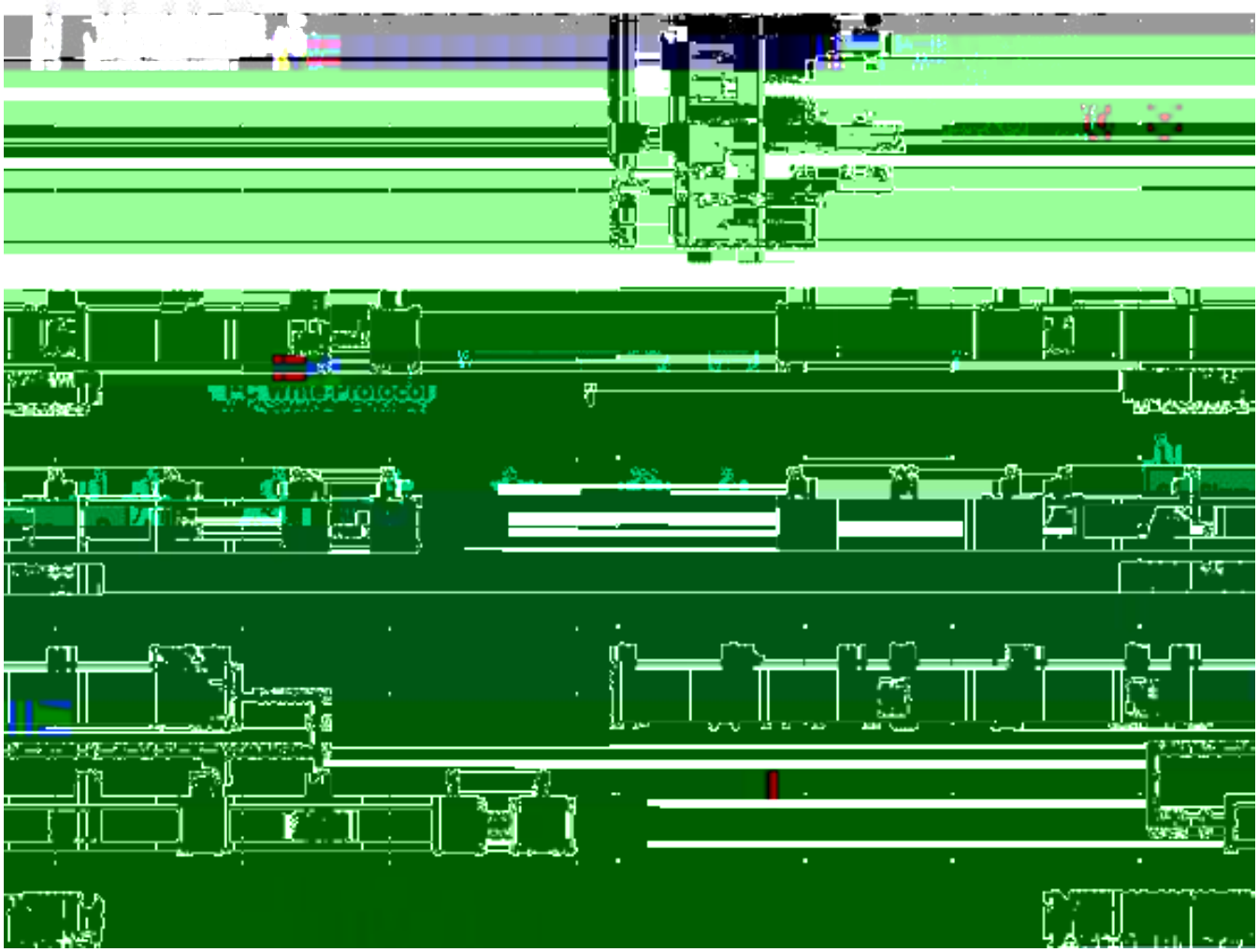
1

ą Detailed Description.

I2C Protocol

XL-ALS-PDIC2016C ο غ L I2C ¥ `I ο ^ ‰ ~ ⌠ ₩ ك ˘ ¦
ك ι L w غ ₣ Â ą 7 β خي ٧ ض b1000_011 غ b1000_010 ң
₩ ₢ I2C ضخي Â I2C ‰ ι ⁇ قمم Hu Ⱶ' à Ω غ ... ٧ Â ض Ω ~ ƀ Ţ˘ Ω
~ ₩ ₢ ₩ ₢ ث ɒ ˘ U Â ض ... ٧ Ţ˘ Ω ~ ₩ ₢ ث ɒ ˘ U ŭ ₩
↓ Â ŭ ₣ ২ ŭ ث ɒ˘ ↕ ۞ ╠ ث ɒ Ţ ك ضخي G Â

Interface and control of the ZCS-2016C-08D-Z4 is accomplished through an I2C serial compatible interface (standard or fast mode) to a set of registers that provide access to device control functions and output data. The device supports a select able I2C address between b1000_011 and b1000_010 using 7-bit addressing protocol. TheI2C standard provides for three types of bus transaction: read, write, and a combined protocol. During a write operation, the first byte written is a command byte followed by data. In a combined protocol, the first byte written isthe command byte followed by reading a series of bytes. If a read command is issued, the register address from theprevious command will be used for data access.



ﻚﻳ

Ω ΄Y Enable Register

ADDR	Bit7	Bit6	Bit5	Bit4	Bit3	Bit2	Bit1	Bit0	DEF
0x80	RESERVED			DARK_EN	RESERVED	W_EN	RGB_EN	PON	0x00

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ė L ʹY Gain & Time control Register.

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ADC ADC Data

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● Dimensions of Tape (Unit: mm)

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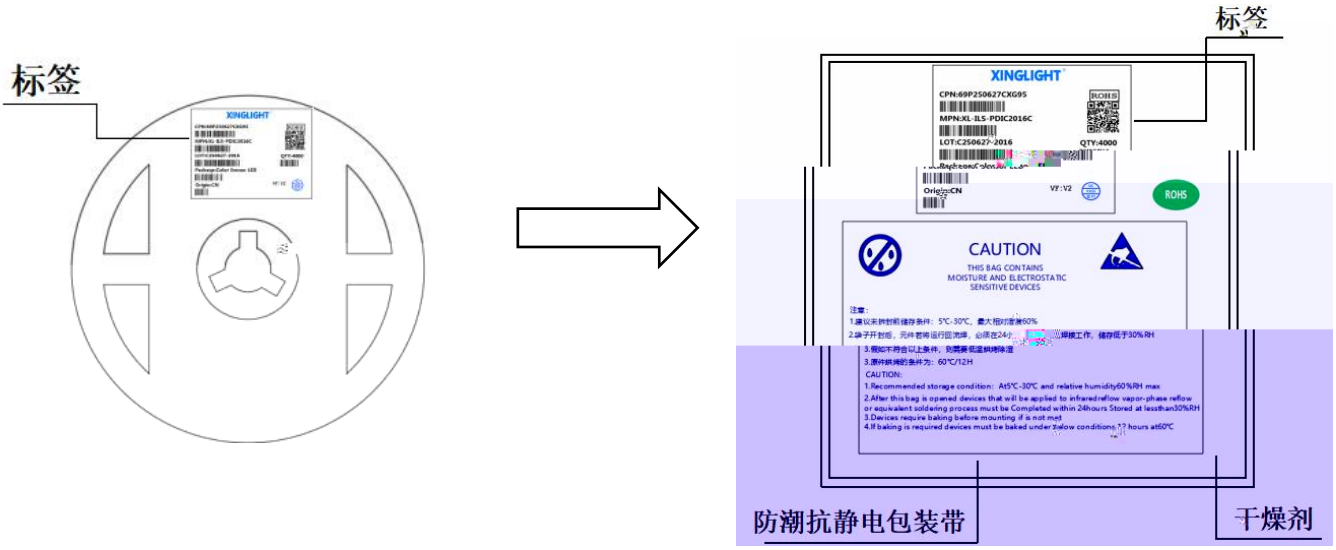
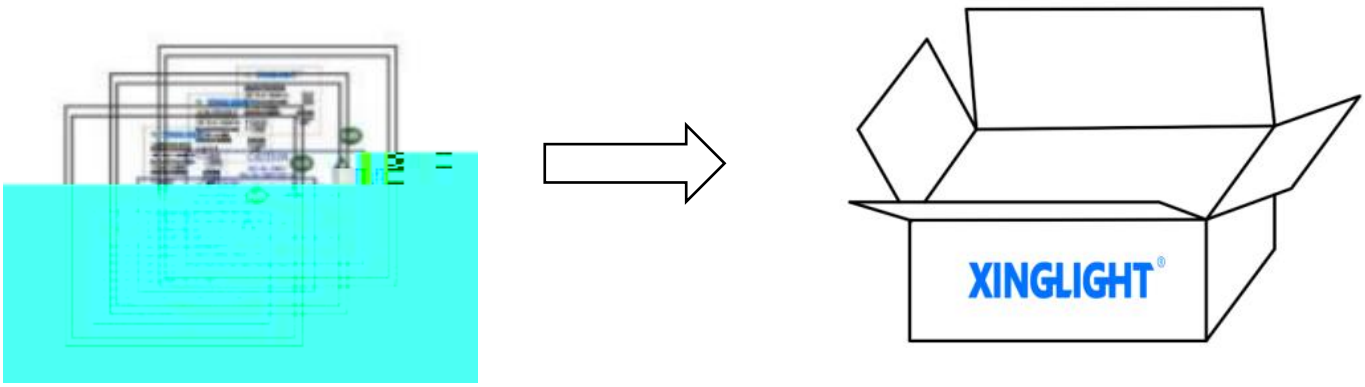
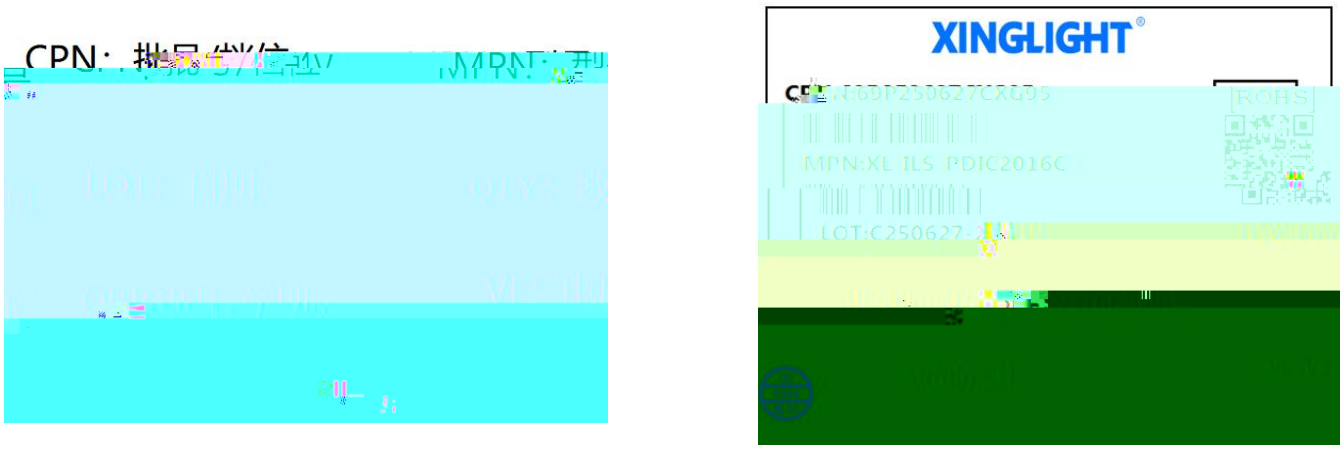
Ù Moisture Proof and Antti-Electrostic Foil Bag



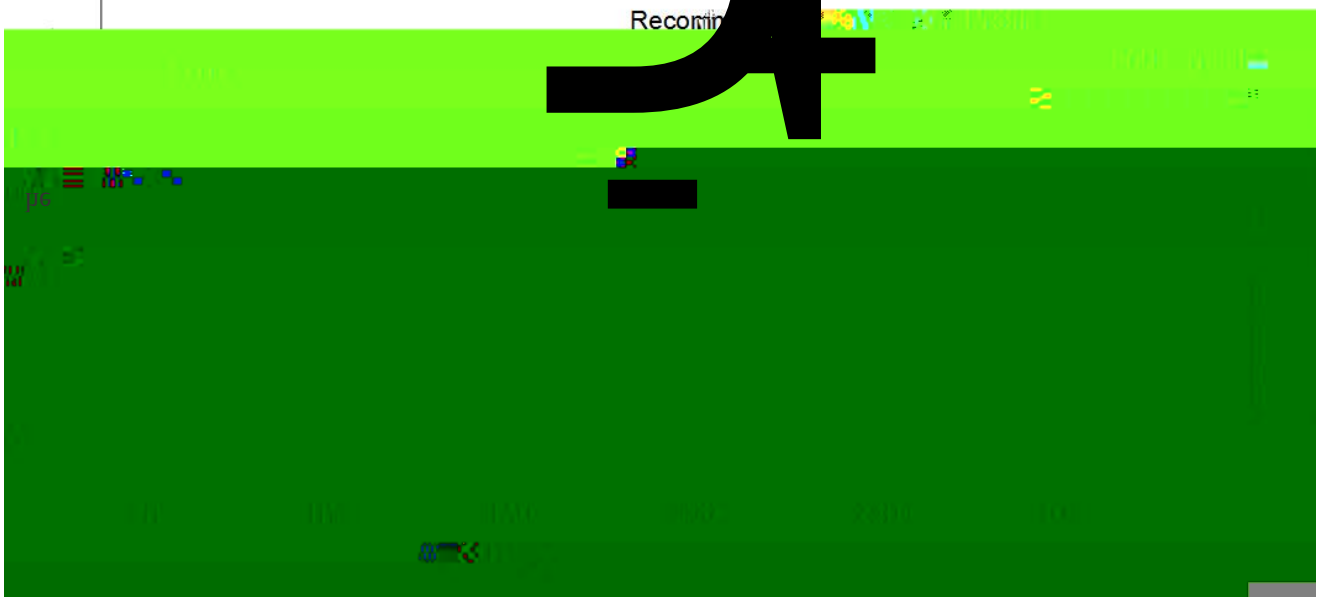
Ù Cardboard Box



Ù Label Expantion



The wave peak welding curve is recommended :



Note

1 à

Lead solder temperature profile

2 à

It is recommended to perform reflow soldering once

3 à LED

When soldering, do not put stress on the

其他事项:

When handling the product, touching the encapsulant with bare hands will not only contaminate its surface, but also affect on its optical characteristics. Excessive force to the encapsulant might result in catastrophic failure of the LEDs due to die breakage or wire deformation. For this reason, please do not put excessive stress on LEDs, especially when th