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L610

Single LED flash control

Features :

- Operating Voltage range : 2.0V to 3.5V.
- Built-in oscillator .
- Direct drive LED.
- ON/OFF toggle

General Description:

This chip is CMOS IC, which is designed for Low voltage single LED. This chip is in use without external resistor component and LED pin can parallel many LED lamp .

Pin Description :

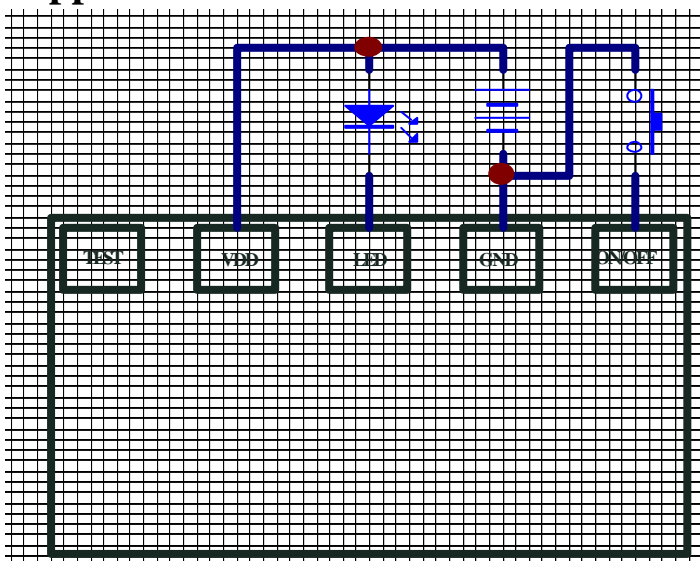
Pin No	Symbol	Description
1	ON/OFF	Power on/off switch.
2	GND	Negative power supply
3	LED	LED output pin.
4	VDD	Positive power supply.
5	TEST	Test pin

Electrical Characteristics

(VDD=3.0V,GND=0V,Ta=25°C,unless otherwise specified)

Parameter	Symbol	Min	Typ	Max	Condition
Operating Voltage	Vdd	2.0V	3.0V	3.5V	
Standby Current	Istb	---	---	2uA	Vdd=3V,I/O open
Operating Current	Iop	---	---	100uA	Vdd=3V,I/O open
LED Sink Current	Iled	---	30mA	---	Vdd=3.0V,Vled=1.2V

Application Circuit :



Classification :

TYPE	FREQUENCY
L610-24	2.4Hz
L610-33	3.3Hz

*Substrate to VDD