

CX2809

LED flashlight IC datasheet

CX2809 is our development of a new flashlight IC, packaged in a SOT23

Overview

CX2809 LED flashlight is a dedicated IC, ASIC design, using the most advanced control technology and wide voltage design, 2.5 V – 5.5 V operating voltage up to high. To strengthen the durability of the IC. Can pass outside expansion of current can be controlled below 3W or 3W LED lights.

Uses

Mainly used for high-power LED headlights and other lights.

Technical parameters

- Working voltage: 2.5 V – 5.5 V
- Current: Less than 1 mA
- Operating temperature: $\leq 85\text{ }^{\circ}\text{C}$
- Maximum Power: 0.5UA
- Package Type: SOT-23

Pin Function Description

1. VSS: Negative power supply
2. L1: Signal output (active low) Output Current: 150 mA
3. VDD: Positive power supply

Modes

1. 100% light
2. 20% PWM
3. 100% flashing 50:50

Application circuit

