

SMPS IC for dimmable LED lighting

Manufacturers	<u>NXP Semiconductor</u>
Package/Case	SOP-16
Product Type	Integrated Circuits (ICs)
RoHS	
Lifecycle	



Images are for reference only

Please submit RFQ for SSL2101T or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

SSL2101T is a constant current LED driver IC (integrated circuit) developed by NXP Semiconductors. It is designed to provide high-efficiency LED driving solutions for a wide range of applications, such as backlighting, automotive lighting, and general illumination.

Features

Wide input voltage range (from 4.5V to 40V) and constant output current

Accurate LED current regulation and low LED current ripple

High efficiency up to 96%

Dimming capability using PWM (pulse width modulation) or analog voltage input

Protection features such as overtemperature, overvoltage, and overcurrent protection

Application


LED backlighting in LCD TVs and monitors

LED lighting in automotive applications such as headlights, taillights, and interior lighting


LED lighting for general illumination in indoor and outdoor environments




Related Products



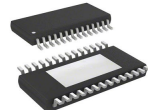
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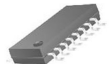
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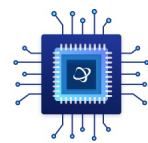
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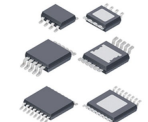
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