

製品概要

NCV7704: Mirror-Module Driver

技術情報は、データシートをご参照ください。

The NCV7704 is a powerful Driver-IC for automotive body control systems. The IC is designed to control several loads in the front door of a vehicle. The monolithic IC is able to control mirror functions like mirror positioning and heating. The device features three high-side outputs to drive LEDs or incandescent bulbs (up to 10 W).

To allow maximum flexibility, all lighting outputs can be PWM controlled thru PWM inputs (external signal source) or by an internal programmable PWM generator unit. The NCV7704 is controlled thru a 24 bit SPI interface with in-frame response.

特長

- Operating Range from 5.5 V to 28 V
- Three high-side and three low-side drivers connected as half-bridges
- Three high side lamp drivers
- One high side driver for mirror heating
- Electro Chromic Mirror Control
- Independent PWM functionality for all outputs
- Integrated programmable PWM generator unit for all lamp driver outputs
- Programmable softstart function to drive loads with higher inrush currents as current limitation value
- Multiplex current sense analog output for advanced load monitoring
- Very low current consumption in standby mode

For more features, see the data sheet

アプリケーション

- Decentralized Door Electronic Systems
- Body Control Module

最終製品

- Automotive

詳細は、弊社 www.onsemi.jp の営業または販売代理店にお問い合わせください。

3/31/2020 作成