

Power Load Switch, High Side, Active High, 1 Output, 13.5 V, 6 A, 0.0219 ohm, DFN-8

Manufacturers	ON Semiconductor, LLC
Package/Case	DFN8
Product Type	Power Management ICs
RoHS	Pb-free Halide free
Lifecycle	



Images are for reference only

Please submit RFQ for NCP45525IMNTWG-H or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

The ecoSWITCH™ NCP45524, NCP45525 series of load management devices provide a component and area-reducing solution for efficient power domain switching with inrush current limit via soft start. In addition to integrated control functionality with ultra low on-resistance these devices offer additional monitoring via power good signaling. This cost effective solution is ideal for power management and hot-swap applications requiring low power consumption in a small footprint.

Features

Advanced Controller with Charge Pump

Integrated N-Channel MOSFET

Soft-Start via Slew Rate Control (NCP45525: Adjustable, NCP45524: Fixed)

Input Voltage Range 0.5 V to 13.5 V (18V Tolerant)

Low Standby Current

Quick Output Discharge Function (Adjustable)

No External Components Required

Power Good Signaling (NCP45524)

Low On-resistance

Enable Pins with CMOS Input Levels

Pb-Free Device

Application

ONSEMI

Related Products



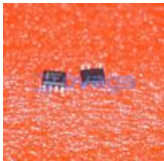
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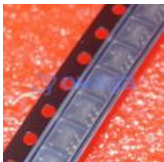
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