

NCP45524 Series Single 0.5 to 13.5 V 31.7 mΩ Controlled Load Switch - DFN-8EP

Manufacturers	ON Semiconductor, LLC
Package/Case	DFN2x2-8
Product Type	Power Management ICs
RoHS	Pb-free Halide free
Lifecycle	



Images are for reference only

Please submit RFQ for NCP45524IMNTWG-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



[NCP603SN330T1G](#)

ON Semiconductor, LLC
TSOP-5



[NCP1399ACDR2G](#)

ON Semiconductor, LLC
SOP16



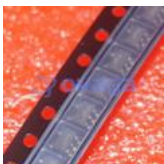
[NCP1234AD65R2G](#)

ON Semiconductor, LLC
SOIC-7



[NCP3334DADJR2G](#)

ON Semiconductor, LLC
SOIC-8



[NCP551SN18T1G](#)

ON Semiconductor, LLC
SOT-23-5



[NCP330MUTBG](#)

ON Semiconductor, LLC
UDFN-4



[NCV4274ADS50R4G](#)

ON Semiconductor, LLC
SOT263



[NCP1252ADR2G](#)

ON Semiconductor, LLC
SOIC-8