

Controlled Load Switch 12-Pin DFN EP T/R

Manufacturers	ON Semiconductor, LLC
Package/Case	12-VDFDN Exposed
Product Type	Power Management ICs
RoHS	Pb-free Halide free
Lifecycle	



Images are for reference only

Please submit RFQ for NCP45541IMNTWG-H or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

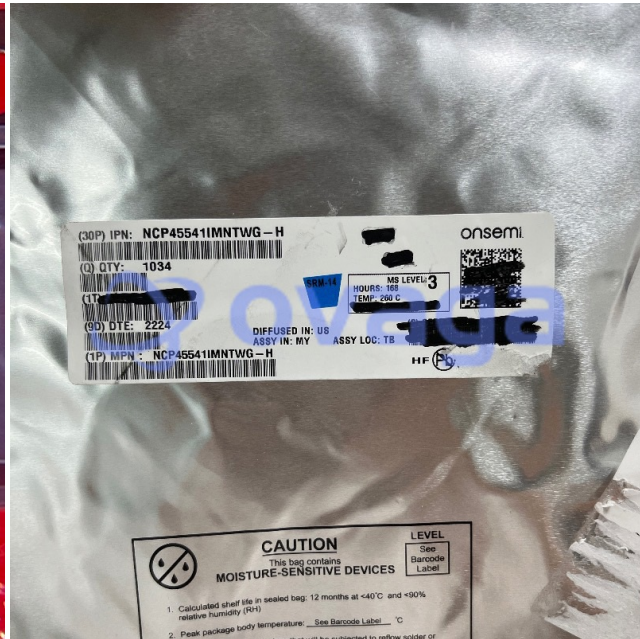
The NCP45541 load switch provides a component and area-reducing solution for efficient power domain switching with inrush current limit via soft start. It is designed to integrate control and driver functionality with a high performance ULTRA-low on-resistance power MOSFET in a single device. This cost 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 (Adjustable)
Ultra-Low On-Resistance
Input Voltage Range 0.5 V to 13.5 V (18V Tolerant)
Low Standby Current
Quick Output Discharge Function (Adjustable)
No External Components Required
Enable Pins with CMOS Input Levels
Power Good Signaling
Pb-Free Device

Application

ONSEMI



Related Products



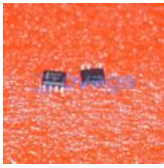
[NCP603SN330T1G](#)

ON Semiconductor, LLC
TSOP-5



[NCP1399ACDR2G](#)

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SOP16



[NCP1234AD65R2G](#)

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SOIC-7



[NCP3334DADJR2G](#)

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SOIC-8



[NCP551SN18T1G](#)

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SOT-23-5



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[NCV4274ADS50R4G](#)

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[NCP1252ADR2G](#)

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SOIC-8