

NCP45520IMNTWG-L

Data Sheet

Power Load Distribution Switch Active Low, 1 Output, 13.5V, 0.01280hm, DFN-8

Manufacturers	ON Semiconductor, LLC	
Package/Case	DFN2x2-8	15 A.
Product Type	Power Management ICs	200
RoHS	Pb-free Halide free	
Lifecycle		Images are for reference only
Please submit RFQ for NCP45520IMNTWG-L or <u>Email to us: sales@ovaga.com</u> We will contact you in 12 <u>RFQ</u>		

General Description

The ecoSWITCHTM NCP45520, NCP45521 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 system safeguards and monitoring via fault protection and 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 (NCP45521-Adjustable, NCP45520-Fixed)
- 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 (NCP45520)
- Fault Protection: Over Temperature
- Fault Protection: Under Voltage Lockout
- Fault Protection: Short-Circuit Protection
- Pb-Free Device

Related Products

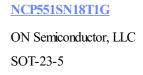


NCP603SN330T1G ON Semiconductor, LLC TSOP-5



NCP1234AD65R2G ON Semiconductor, LLC SOIC-7







NCV4274ADS50R4G ON Semiconductor, LLC SOT263









Application

ONSEMI

ON Semiconductor, LLC SOP16

NCP1399ACDR2G

NCP3334DADJR2G

ON Semiconductor, LLC SOIC-8

NCP330MUTBG

ON Semiconductor, LLC UDFN-4

NCP1252ADR2G

ON Semiconductor, LLC SOIC-8