

Positive Overvoltage Protection Controller with Internal Low RON NMOS FET and Status FLAG, Battery Management OVER VLTG PROTECTION

Manufacturers	<a href="#">ON Semiconductor, LLC</a>
Package/Case	WDFN10
Product Type	Circuit Protection
RoHS	Rohs
Lifecycle	



Images are for reference only

Please submit RFQ for NCP347MTAHTBG or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

## General Description

The NCP347 is able to disconnect the systems from its output pin in case wrong input operating conditions are detected. The system is positive overvoltage protected up to +28 V. Due to this device using internal NMOS, no external device is necessary, reducing the system cost and the PCB area of the application board. The NCP347 is able to instantaneously disconnect the output from the input, due to integrated Low Ron Power NMOS (65 m $\Omega$ , if the input voltage exceeds the overvoltage threshold (5.63 or 5.9 or 7.2 V) or undervoltage threshold, of 2.95 V (UVLO). At powerup (EN(BAR) capacitor).

## Features

Overvoltage Protection up to 28 V

On-Chip Low RDS(on) NMOS Transistor:80 m

Overvoltage Lockout (OVLO)

Undervoltage Lockout (UVLO)

Internal 50 ms Startup Delay

Alert FLAG(BAR) Output

Shutdown EN(BAR) Input

Compliance to IEC61000-4-2 (Level 4), 8.0 kV (Contact), and 15 kV (Air)

ESD Ratings:Machine = 3

This is a Pb-Free Device

## Application

ONSEMI

## Related Products



### [NCP347MTAETBG](#)

ON Semiconductor, LLC  
WDFN-10



### [NCP347MTAFTBG](#)

ON Semiconductor, LLC  
WDFN-10



### [NCP361MUTBG](#)

ON Semiconductor, LLC  
UDFN-6



### [NCP360SNAIT1G](#)

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### [NCP360SNAFT1G](#)

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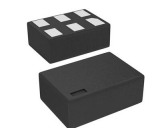
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10-WDFN Exposed...



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