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This switch is primarily intended to protect loads from transients by isolating the load from the transient energy rather than absorbing it.

Features

- Capable of Switching Loads of up to 200 mA without External Rboost
- Switch Shuts Off in Response to an Over Voltage Input Transient
- Features Active Turn Off for Fast Input Transient Protection
- Flexible Over Voltage Protection Threshold Set with External Zener
- Automatic Recovery after Transient Decays Below Threshold
- Withstands Input Transients up to 105 V Peak
- Guaranteed Off State with $\overline{\text{Enbl}}$ Input
- ESD Resistant in Accordance with the 2000 V Human Body Model
- Extremely Low Saturation Voltage
- SZ Prefix for Automotive and Other Applications Requiring Unique Site and Control Change Requirements; AEC-Q101 Qualified and PPAP Capable
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NCP3712ASN, SZNCP3712ASN

ELECTRICAL CHARACTERISTICS ($V_{in} = 12.5 V_{DC}$ Ref to Gnd, $T_A = 25^{\circ}C$ unless otherwise noted.)

Characteristic	Symbol	Min	Typ	Max	Unit
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OFF CHARACTERISTICS

Input-Output Breakdown Voltage
(@ $I_{out} = 200 \mu A$)



SC-74
CASE 318F
ISSUE P

DATE 07 OCT 2021

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