

## Product Overview

### NTMFD001N03P9: Power Mosfet 30V POWERTRENCH® Power Clip

For complete documentation, see the data sheet.

Power Mosfet 30V POWERTRENCH® Power Clip Asymmetric Dual N-Channel

#### Features

- Small Footprint (5x6mm) for Compact Design
- Low RDS(on) to minimize conduction losses
- Low Qg and capacitance to minimize driver losses

#### Applications

- DC-DC Converters
- DC-DC Converters

#### End Products

- High Performance Computers
- Graphics Cards

#### Part Electrical Specifications

Product	Pricing (\$/Unit)	Compliance	Status	Channel Polarity	Configuration	V <sub>DSS</sub> (BR) Min (V)	V <sub>GS</sub> Max (V)	V <sub>GS(th)</sub> Max (V)	I <sub>D</sub> Max (A)	P <sub>D</sub> Max (W)	R <sub>DS(on)</sub> Max @ V <sub>GS</sub> = 2.5 V (mΩ)	R <sub>DS(on)</sub> Max @ V <sub>GS</sub> = 4.5 V (mΩ)	R <sub>DS(on)</sub> Max @ V <sub>GS</sub> = 10 V (mΩ)	Q <sub>g</sub> Typ @ V <sub>GS</sub> = 4.5 V (nC)	Q <sub>g</sub> Typ @ V <sub>GS</sub> = 10 V (nC)	C <sub>iss</sub> Typ (pF)	Package Type
NTMFD001N03P9	0.8558	Pb-free Halide free	Active	N-Channel	Dual	Q1: 30; Q2: 30	Q1: 20; Q2: 16	Q1: 3.0; Q2: 3.0	128	25		Q1: 6.5; Q2: 1.2	Q1: 5.0; Q2: 1.0	Q1: 7.9; Q2: 43	Q1: 17; Q2: 93	Q1: 1224; Q2: 6575	PQFN-8

For more information please contact your local sales support at [www.onsemi.com](http://www.onsemi.com).

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