

## Product Overview

### NTTFS015N04C: Single N-Channel Power MOSFET 40V, 27A, 17.3mΩ

For complete documentation, see the data sheet.

Industrial Power MOSFET in a 3x3mm flat lead package designed for compact and efficient designs and including high thermal performance. Wettable Flank Option available for Enhanced Optical Inspection. AEC-Q101 Qualified MOSFET and PPAP capable suitable for automotive applications.

#### Features

- Small Footprint (3x3 mm)
- Low On-Resistance
- Low Capacitance
- NTTFS5C453NLWF - Wettable Flanks Product
- AEC-Q101 Qualified and PPAP Capable
- RoHS Compliant

#### Benefits

- Compact Design
- Minimize Conduction Losses
- Minimize Driver Losses
- Enhanced Optical Inspection
- Suitable for Automotive Applications

#### Applications

- Reverser Battery protection
- Power switches (High Side Driver, Low Side Driver, H-Bridges etc.)
- Switching power supplies

#### Part Electrical Specifications

Product	Pricing (\$/Unit)	Compliance	Status	Channel Polarity	Configuration	$V_{(BR)DSS}$ Min (V)	$V_{GS}$ Max (V)	$V_{GS(th)}$ Max (V)	$I_D$ Max (A)	$P_D$ Max (W)	$R_{DS(on)}$ Max @ $V_{GS} = 2.5V$ (mΩ)	$R_{DS(on)}$ Max @ $V_{GS} = 4.5V$ (mΩ)	$R_{DS(on)}$ Max @ $V_{GS} = 10V$ (mΩ)	$Q_g$ Typ @ $V_{GS} = 4.5V$ (nC)	$Q_g$ Typ @ $V_{GS} = 10V$ (nC)	$C_{iss}$ Typ (pF)	Package Type
NTTFS015N04CTAG	0.1667	Pb-free Halide free non AEC-Q and PPAP	Active	N-Channel	Single	40	±20	3.5	27	23			17.3		6.3	325	WDF N-8 / u8FL

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

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