



NTTFS004N04C

Single N-Channel Power MOSFET 40V, 77A, 4.9mΩ

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.

- Small Footprint (3x3 mm)
- Low On-Resistance
- Low Capacitance
- NTTFS5C453NLWF - Wettable Flanks Product
- AEC-Q101 Qualified and PPAP Capable
- RoHS Compliant
- Compact Design
- Minimize Conduction Losses
- Minimize Driver Losses
- Enhanced Optical Inspection
- Suitable for Automotive Applications
- Reverser Battery protection
- Power switches (High Side Driver, Low Side Driver, H-Bridges etc.)
- Switching power supplies

	Pricing (\$/Unit)	Compliance	Status	Channel Polarity	Configuration	$V_{DS}^{(BR)}$ 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
NTTFS004N04C TAG	0.494	 	Active	N-Channel	Single	40	±20	3.5	77	3.2			4.9		3.7	1150	WDFN-8/u8FL