

## Product Overview

### NTMFS4H01NF: Single N-Channel Power MOSFET 25V, 334A, 0.7mΩ

For complete documentation, see the data sheet.



Power MOSFET 25V 334A 0.7 mOhm Single N-Channel SO-8FL FETky

#### Features

- Integrated Schottky Diode
- Optimized Design to Minimize Conduction and Switching Losses
- Optimized Package to Minimize Parasitic Inductances
- Optimized material for improved thermal performance
- RoHS Compliant

#### Applications

- High Performance DC-DC Converters
- Point of Load
- System Voltage Rails

#### Benefits

- Increased efficiency

#### End Products

- Netcom, Telecom
- Servers

### Part Electrical Specifications

Product	Pricing (\$/Unit)	Compliance	Status	Channel Polarity	Configuration	$V_{DS(s)}$ Min (V)	$V_{GS}$ Max (V)	$V_{GS(th)}$ Max (V)	$I_D$ Max (A)	$P_D$ Max (W)	$R_{DS(on)}$ Max @ $V_{GS} = 2.5$ V (mΩ)	$R_{DS(on)}$ Max @ $V_{GS} = 4.5$ V (mΩ)	$R_{DS(on)}$ Max @ $V_{GS} = 10$ V (mΩ)	$Q_g$ Typ @ $V_{GS} = 4.5$ V (nC)	$Q_g$ Typ @ $V_{GS} = 10$ V (nC)	$C_{iss}$ Typ (pF)	Package Type
NTMFS4H01NFT1G	3.0666	Pb-free Halide free	Active	N-Channel	Single	25	20	2.1	334	125	-	1	0.7	18.7	39	5538	SO-8FL / DFN-5
NTMFS4H01NFT3G	3.0666	Pb-free Halide free	Active	N-Channel	Single	25	20	2.1	334	125	-	1	0.7	18.7	39	5538	SO-8FL / DFN-5

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Created on: 4/1/2020