

# NVTFS5C466NL

## N MOSFET 40V51A7.3mΩ

3x3mm MOSFETAEC-Q101 MOSFET PPAP

- Small Footprint (3x3 mm)
- Low On-Resistance
- Low Capacitance
- NVTFS5C466NLWF - 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
- Solenoid Driver – ABS, Fuel injection
- Motor Control – EPS, Wipers, Fans, Seats, etc.
- Load Switch – ECU, Chassis, Body

	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
NVTFS5C466NL TAG	0.185		Active	N-Channel	Single	40	20	2	51	38	-	12	7.3	-	16	880	WDFN-8 / u8FL
NVTFS5C466NL WFTAG	0.2116		Active	N-Channel	Single	40	20	2	51	38	-	12	7.3	-	16	880	WDFN W8 3.3x3.3, 0.65P