

## Product Overview

### NTLGF3402P: Single P-Channel Power MOSFET and Schottky Diode -20V -3.9A 140mΩ

For complete documentation, see the data sheet.

Power MOSFET and Schottky Diode  
-20 V, -3.9 A FETKY®, P-Channel,  
2.0 A Schottky Barrier Diode, DFN6

### Features

- Flat Lead 6 Terminal Package 3x3x1
- Enhanced Thermal Characteristics
- Low VF and Low Leakage Schottky Diode
- Reduced Gate Charge to Improve Switching Response

### Applications

- Buck Converter
- High Side DC-DC Conversion Circuits
- Power Management in Portable, HDD and Computing

### Part Electrical Specifications

Product	Compliance	Status	Chan- nel Polar- ity	Confi- gura- tion	$V_{SS}^{(BRD)}$ 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)	Pack- age Type
NTLGF3402PT2G	Pb-free Halide free	Active	P- Chan- nel	with Schot- tky Diode	-20	12	-2	-3.9	1.5	225	140	-	3.7	3.8	230	DFN- 6

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