

Product Overview

NTJS3157N: Single N-Channel Trench Power MOSFET 20V, 4.0A, 60mΩ

For complete documentation, see the data sheet.

Trench Power MOSFET 20 V, 4.0 A, Single N-Channel, SC-88

Features

- Leading Trench Technology for Low RDS(on) Extending Battery Life
- Fast switching for increased circuit efficiency
- SC-88 Small Outline (2x2 mm) for Maximum Circuit Board Utilization, Same as SC-70-6

Applications

- DC-DC Conversion
- Low Side Load Switch

End Products

- Cell Phones
- Computing
- Digital Cameras
- MP3s
- PDAs

Part Electrical Specifications

Product	Compliance	Status	Chan- nel Polar- ity	Confi- gura- tion	$V_{SS}^{(BR)D}$ 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
NTJS3157NT1G	Pb-free	Active	N- Chan- nel	Singl- e	20	8	-	3.2	1	70	60	-	2.1	6.9	500	SC- 88-6 / SC- 70-6 / SOT- 363-6
	Halide free						1									
NTJS3157NT2G	Pb-free	Active	N- Chan- nel	Singl- e	20	8	1	3.2	1	70	60	-	2.1	6.9	500	SC- 88-6 / SC- 70-6 / SOT- 363-6
	Halide free						-									

For more information please contact your local sales support at www.onsemi.com.

Created on: 9/21/2019