

Product Overview

NTD3055-094: Single N-Channel Power MOSFET 60V, 12A, 94mΩ

For complete documentation, see the data sheet.

Designed for low voltage, high speed switching applications in power supplies, converters and power motor controls and bridge circuits.

Features

- Lower RDS(on)
- Lower VDS(on)
- Lower and Tighter VSD
- Lower Diode Reverse Recovery Time
- Lower Reverse Recovery Stored Charge
- RoHS Compliant

Applications

- Power Supplies
- Converters
- Power Motor Controls
- Bridge Circuits

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
NTD3055-094T4G	Pb-free Halide free	Active	N- Chan- nel	Singl- e	60	20	4	12	19	-	-	94	-	10.9	323	DPA K-3

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

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