



Product Overview

NTNS3193NZ: Small Signal MOSFET 20V 230mA 1.4 Ohm Single N Channel XLLGA3 with ESD Protection

For complete documentation, see the data sheet

Product Description

Small Signal MOSFET 20V 230mA 1.4 Ohm Single N Channel XLLGA3 with ESD Protection

Features	Benefits
<ul style="list-style-type: none">Ultra Small and Thin Package (0.62 x 0.62 x 0.4 mm)Low RDS(on) Solution in 0.62 x 0.62 mm Package1.5 V Gate Voltage RatingThese Devices are PbFree, Halogen Free/BFR Free	<ul style="list-style-type: none">Ideal for Board Space SavingMinimize Conduction Losses and improve efficiencyCan be driven at low Logic Level voltageRoHS Compliant

Applications	End Products
<ul style="list-style-type: none">Small Signal Load SwitchHigh Speed InterfacingAnalog SwitchOptimized for Power Management in Ultra Portable Products	<ul style="list-style-type: none">Smart Phones, Media Tablets, and other portable devices

Part Electrical Specifications

Product	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} = 2.5 V (m)	r _{DS(on)} Max @ V _{GS} = 4.5 V (m)	r _{DS(on)} Max @ V _{GS} = 10 V (m)	Q _g Typ @ V _{GS} = 4.5 V (nC)	Q _g Typ @ V _{GS} = 10 V (nC)	Q _{gd} Typ @ V _{GS} = 4.5 V (nC)	Q _{rr} Typ (nC)	C _{iss} Typ (pF)	C _{oss} Typ (pF)	C _{rss} Typ (pF)	Package Type
NTNS3193NZT5G	Pb-free Halide free	Active	N-Channel	Single	20	8	1	0.224	0.12	1900	1400		0.7				15.8	3.5	2.4	XLLGA-3

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

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