



Product Overview

NTK3134N: Small Signal MOSFET 20V 890 mA 350 mOhm Single N-Channel SOT-723 with ESD Protection

For complete documentation, see the data sheet

Product Description

Power MOSFET 20 V, 890 mA, Single N-Channel with ESD Protection, SOT-723

Features

- N channel Switch with Low RDS(on)
- 44% Smaller Footprint and 38% Thinner than SC89
- Low Threshold Levels, 1.5V RDS(on) Rating
- These are Pb-Free devices

Benefits

- System Efficiency Improvement
- Board Space Saving
- Operated at low logic level gate drive
- RoHS Compliance

Applications

- Load/Power Switching
- Interface Switching
- Logic Level Shift
- Battery Management for Ultra Small Portable Electronics

End Products

- Cell Phone, DSC, MP3 Player, Portable Game, PDA

Part Electrical Specifications

Product	Compliance	Status	Channel Polarity	Configuration	$V_{DS(ON)}$ 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)	Packaging Type
NTK3134NT1G	Pb-free Halide free	Active	N-Channel	Single	20	6	1.2	0.89	0.45	450	350					3	79	13	9	SOT-723-3
NTK3134NT5G	Pb-free Halide free	Active	N-Channel	Single	20	6	1.2	0.89	0.45	450	350					3	79	13	9	SOT-723-3

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

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