



Product Overview

NTA7002N: Small Signal MOSFET 30V 154mA 7 Ohm Single N-Channel SC-75 with ESD Protection

For complete documentation, see the data sheet

Product Description

Small Signal MOSFET 30 V, 154 mA, Single, N-Channel, Gate ESD Protection, SC-75

Features

- Low Gate Charge for Fast Switching
- Small 1.6 x 1.6 mm Footprint
- ESD Protected Gate
- Pb-Free Package is Available

Applications

- Power Management Load Switch
- Level Shift

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
NTA7002NT1G	Pb-free Halide free	Active	N-Channel	Single	30	10	1.5	0.154	0.3	7500	7000						11.5	10	3.5	SC-75-3

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

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