



Product Overview

3LN01M: Small Signal MOSFET, 30V, 3.7Ω, 0.15A, Single N-Channel

For complete documentation, see the data sheet

Product Description

3LN01M is a Small Signal MOSFET, 30V, 3.7Ω, 0.15A, Single N-Channel for General Purpose Switching Applications.

Features

- Low on resistance
- Ultrahigh speed switching
- 2.5V drive

Applications

- General Purpose Switching 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)	$r_{DS(on)}^{max}$ @ $V_{GS} = 2.5V$ (mΩ)	$r_{DS(on)}^{max}$ @ $V_{GS} = 4.5V$ (mΩ)	$r_{DS(on)}^{max}$ @ $V_{GS} = 10V$ (mΩ)	Q_g^{typ} @ $V_{GS} = 4.5V$ (nC)	Q_g^{typ} @ $V_{GS} = 10V$ (nC)	Q_{gd}^{typ} @ $V_{GS} = 4.5V$ (nC)	Q_{tr}^{typ} (nC)	C_{iss}^{typ} (pF)	C_{oss}^{typ} (pF)	C_{rss}^{typ} (pF)	Packaging Type
3LN01M-TL-H	Pb-free Halide free	Active	N-Channel	Single	30	10	1.3	0.15	0.15	5200			1.58	0.31			7	5.9	2.3	SC-70FL / MCPH-3

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

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