



Product Overview

SMP3003: P-Channel Power MOSFET -75V -100A 8 mOhm TO-263-2L/TO-263

For complete documentation, see the data sheet

Product Description

SMP3003 is P-Channel Power MOSFET -75V -100A 8 mOhm TO-263-2L/TO-263 for General-Purpose Switching Device Applications

Features

- ON-resistance $R_{DS(on)}$ 1=6.2m Ohm(typ.)
- Input capacitance C_{iss} =13400pF (typ.)
- 4V drive

Part Electrical Specifications

Product	Compliance	Status	Channel Polarity	Configuration	V_{DS} Min (V)	V_{GS} Max (V)	$V_{GS(th)}$ Max (V)	I_D Max (A)	P_D Max (W)	$r_{DS(on)}$ Max @ $V_{GS}=2.5V(m)$	$r_{DS(on)}$ Max @ $V_{GS}=4.5V(m)$	$r_{DS(on)}$ Max @ $V_{GS}=10V(m)$	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
SMP3003-DL-1E	Pb-free	Active	P-Channel	Single	-75	20	-2.6	-100	90			8		280	55	380	13400	1000	740	D2PAK / TO-263-2L
SMP3003-TL-1E	Pb-free	Active	P-Channel	Single	-75	20	-2.6	-100	90			8		280	55	380	13400	1000	740	D ² PAK-3

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

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