

Product Overview

BBS3002: P-Channel Power MOSFET, -60V, -100A, 5.8mΩ

For complete documentation, see the data sheet.

BBS3002 is a P-Channel Power MOSFET, -60V, -100A, 5.8mΩ , TO-263-2L/TO-263.

Features

- ON-resistance $R_{DS(on)1} = 4.4\text{m}\Omega$ (typ)
- Input capacitance $C_{iss} = 13200\text{pF}$ (typ)
- 4V drive

Applications

- This product is general usage and suitable for many different applications

Part Electrical Specifications

Product	Compliance	Status	Chan- nel Polar- ity	Confi- gura- tion	V_{BRD} V_{SS} 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 (mΩ)	$R_{DS(on)}$ Max @ $V_{GS} =$ 4.5 V (mΩ)	$R_{DS(on)}$ Max @ $V_{GS} =$ 10 V (mΩ)	Q_g Typ @ $V_{GS} =$ 4.5 V (nC)	Q_g Typ @ $V_{GS} =$ 10 V (nC)	C_{iss} Typ (pF)	Pack- age Type
BBS3002-DL-1E	Pb-free	Active	P- Chan- nel	Singl- e	-60	20	2.6	100	90	-	9	5.8	-	280	13200	D2PA K-3 / TO- 263-2
BBS3002-TL-1E	Pb-free	Active	P- Chan- nel	Singl- e	-60	20	2.6	100	90	-	9	5.8	-	280	13200	D2PA K-3 / TO- 263-2

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

Created on: 9/20/2019