



Product Overview

BFL4001: N-Channel Power MOSFET, 900V, 6.5A, 2.7 , TO-220F-3FS

For complete documentation, see the data sheet

Product Description

BFL4001 is an N-Channel Power MOSFET, 900V, 6.5A, 2.7 , TO-220F-3FS for general purpose switching applications.

Features

- ON-resistance $R_{DS(on)}$ = 2.1 (typ)
- Input capacitance C_{iss} = 850pF (typ)
- 10V drive

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 @ $V_{GS} = 2.5V$ (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_{rr} Typ (nC)	C_{iss} Typ (pF)	C_{oss} Typ (pF)	C_{rss} Typ (pF)	Packaging Type
BFL4001-1E	Pb-free	Active	N-Channel	Single	900	30	4	4.1	2			2700		44			850	130	43	TO-220F-3FS

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

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