



Product Overview

BFL4036: N-Channel Power MOSFET, 500V, 14A, 520mΩ, Single TO-220F-3FS

For complete documentation, see the data sheet

Product Description

BFL4036 is an N-Channel Power MOSFET, 500V, 14A, 520mΩ, Single TO-220F-3FS for general purpose switching applications.

Features

- ON-resistance $R_{DS(on)}=0.4\Omega$ (typ)
- Input capacitance $C_{iss}=1000pF$ (typ)
- 10V drive

Part Electrical Specifications

Product	Compliance	Status	Channel Polarity	Configuration	$V_{DS(BR)Min}$ (V)	V_{GSMax} (V)	$V_{GS(th)Max}$ (V)	I_{DMax} (A)	P_{DMax} (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
BFL4036-1E	Pb-free	Active	N-Channel	Single	500	30	5	14	2			520		38.4	22.1	4200	1000	200	44	TO-220F-3FS

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

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