



Product Overview

ECH8309: P-Channel Power MOSFET, -12V, -9.5A, 16mΩ, Single ECH8

For complete documentation, see the data sheet

Product Description

ECH8309 is P-Channel Power MOSFET, -12V, -9.5A, 16mΩ, Single ECH8 for General-Purpose Switching Device Application.

Features

- 1.8V Drive
- Halogen free compliance
- Protection diode in

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} = 2.5 V (m)	r _{DS(on)} Max @ V _{GS} = 4.5 V (m)	r _{DS(on)} Max @ V _{GS} = 10 V (m)	Q _g Typ @ V _{GS} = 4.5 V (nC)	Q _g Typ @ V _{GS} = 10 V (nC)	Q _{gd} Typ @ V _{GS} = 4.5 V (nC)	Q _{rr} Typ (nC)	C _{iss} Typ (pF)	C _{oss} Typ (pF)	C _{rss} Typ (pF)	Packaging Type
ECH8309-TL-H	Pb-free Halide free	Active	P-Channel	Single	-12	10	-1.3	-9.5	1.5	26	16		18		4.9		1780	540	390	SO T-28 FL/EC H-8

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

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