



Product Overview

ECH8308: P-Channel Power MOSFET, -12V, -10A, 12.5mΩ, Single ECH8

For complete documentation, see the data sheet

Product Description

ECH8308 is a P-Channel Power MOSFET, -12V, -10A, 12.5mΩ, Single ECH8 for General-Purpose Switching Device Applications.

Features

- Best suited for load switching
- Low ON-resistance
- 1.8V drive
- Halogen free compliance
- Protection diode in

Part Electrical Specifications

Product	Compliance	Status	Channel Polarity	Configuration	V_{DS} Min (V)	V_{GS} Max (V)	V_{GS} Min (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
ECH8308-TL-H	Pb-free Halide free	Active	P-Channel	Single	-12	10	-1.3	-10	1.6	20	12.5		26		7.1		230	720	550	SO-T-28 FL / ECH-8

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

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