

Product Overview

ECH8310: P-Channel Power MOSFET, -30 V, -9 A, 17 mΩ

For complete documentation, see the data sheet.

ECH8310 is a P-Channel Power MOSFET, -30V, -9A, 17mΩ, Single ECH8 for General-Purpose Switching Device Application.

Features

- 4V drive
- Protection diode in

Applications

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

Part Electrical Specifications

Product	Pricing (\$/Unit)	Compliance	Status	Channel Polarity	Configuration	$V_{(BR)DSS}$ 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)	Package Type
ECH8310-TL-H	0.276	Pb-free Halide free non AEC-Q and PPAP	Active	P-Channel	Single	-30	20	2.6	-9	1.5	-	28	17	-	28	1400	SOT-28 FL / ECH-8

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

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