



Product Overview

ECH8652: P-Channel Power MOSFET, -12V, -6A, 28mΩ, Dual ECH8

For complete documentation, see the data sheet

Product Description

ECH8652 is a P-Channel Power MOSFET, -12V, -6A, 28mΩ, Dual ECH8 for general purpose switching applications.

Features

- Low on resistance
- 1.8 V drive
- Halogen free compliance
- Protection diode in
- Composit type, facilitating high-density mounting

Part Electrical Specifications

Product	Compliance	Status	Channel Polarity	Configuration	$V_{DS(sat)}$ 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)	Package Type
ECH8652-TL-H	Pb-free Halide free	Active	P-Channel	Dual	-12	10	-1.4	-6	1.3	45	28		11		2.9		1000	320	250	SO-T-28 FL / ECH-8

For more information please contact your local sales support at [www.onsemi.com](http://www.onsemi.com)

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