



Product Overview

ECH8651R: N-Channel Power MOSFET, 24V, 10A, 14mΩ, Dual ECH8

For complete documentation, see the data sheet

Product Description

ECH8651R is an N-Channel Power MOSFET, 24V, 10A, 14mΩ, Dual ECH8 for general purpose switching applications.

Features

- Low on resistance
- 2.5 V drive
- Built-in gate protection resistor
- Best suited for Lib charging and discharging switch
- Common-drain type
- 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} (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
ECH8651R-TL-H	Pb-free Halide free	Active	N-Channel	Dual	24	12	1.3	10	1.4	21	14		24	4.5						SO-T-28 FL / EC H-8

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

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