



## Product Overview

### ECH8697R: N-Channel Power MOSFET, 24V, 10A, 11.6mΩ, Dual ECH8 Common Drain

For complete documentation, see the data sheet

#### Product Description

ECH8697R is N-Channel Power MOSFET, 24V, 10A, 11.6mΩ, Dual ECH8 Common Drain.

#### Features

- 2.5V drive
- Common-Drain Type
- Protection diode in
- Halogen free compliance

#### Benefits

- Suited for Li-Ion battery pack protection circuit(1cell, 2cell)
- Best suited for Li-Ion battery pack protection circuit
- Stronger to ESD
- Environmental consideration

#### Applications

- Lithium-ion battery charging and discharging switch

#### End Products

- lithium ion battery for Smart Phone
- lithium ion battery for Cell Phone
- lithium ion battery for Tablet PC
- lithium ion battery for Digital still camera
- others

#### 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)	Packaging Type
ECH8697R-TL-W	Pb-free Halide free	Active	N-Channel	Dual	24	12.5	1.3	10	1.5	17.5	11.6		6		0.9					SO-T-28 FL / ECH-8

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