

Product Overview

EFC6605R: Dual N-Channel Power MOSFET, 20V, 10A, 13.3mΩ

For complete documentation, see the data sheet.

EFC6605R is N-Channel Power MOSFET, 20V, 10A, 13.3mΩ, Dual EFCP.

Features

- 2.5V drive
- Protection diode in
- Common-drain type

Applications

- Lithium-ion battery charging and discharging switch

Benefits

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

End Products

- lithium ion battery - Smart Phone, Tablet PC, Digital still camera, etc.

Part Electrical Specifications

Product	Pricing (\$/Unit)	Compliance	Status	Channel Polarity	Configuration	$V_{DS}^{(BR)}$ Min (V)	V_{GS}^{Max} (V)	$V_{GS}^{(th)}$ Max (V)	I_D^{Max} (A)	P_D^{Max} (W)	$R_{DS(on)}^{Max}$ @ $V_{GS} = 2.5V$ (mΩ)	$R_{DS(on)}^{Max}$ @ $V_{GS} = 4.5V$ (mΩ)	$R_{DS(on)}^{Max}$ @ $V_{GS} = 10V$ (mΩ)	Q_g^{Typ} @ $V_{GS} = 4.5V$ (nC)	Q_g^{Typ} @ $V_{GS} = 10V$ (nC)	C_{iss}^{Typ} (pF)	Package Type
EFC6605R-TR	0.1333	Pb-free Halide free	Active	N-Channel	Dual Common Drain	20	10	1.3	10	1.6	Q1=7.4 Q2=1	Q1=3.3 Q2=1	-	100	19.8	-	XFL GA-6

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

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