



Product Overview

EFC4626R: N-Channel Power MOSFET, 24V, 5A, 46.2mΩ, Dual EFCP

For complete documentation, see the data sheet

Product Description

EFC4626R is N-Channel Power MOSFET, 24V, 5A, 46.2mΩ, Dual EFCP.

Features	Benefits
<ul style="list-style-type: none"><li>2.5V drive</li><li>Common-drain type</li><li>Protection diode in</li><li>Halogen free compliance</li></ul>	<ul style="list-style-type: none"><li>Suites for Li-Ion battery pack protection circuit(1cell, 2cell)</li><li>Best suited for Li-Ion battery pack protection circuit</li><li>Stronger to ESD</li><li>Environmental consideration</li></ul>

Applications	End Products
<ul style="list-style-type: none"><li>Lithium-ion battery charging and discharging switch</li></ul>	<ul style="list-style-type: none"><li>lithium ion battery - Smart Phone,Cell Phone,Tablet PC,Digital still camera, etc.</li></ul>

Part Electrical Specifications

Product	Compliance	Status	Channel Polarity	Configuration	V <sub>DS</sub> (BR) Min (V)	V <sub>GS</sub> Max (V)	V <sub>GS</sub> (th) Max (V)	I <sub>D</sub> Max (A)	P <sub>D</sub> Max (W)	r <sub>DS(on)</sub> Max @ V <sub>GS</sub> = 2.5V (m)	r <sub>DS(on)</sub> Max @ V <sub>GS</sub> = 4.5V (m)	r <sub>DS(on)</sub> Max @ V <sub>GS</sub> = 10V (m)	Q <sub>g</sub> Typ @ V <sub>GS</sub> = 4.5V (nC)	Q <sub>g</sub> Typ @ V <sub>GS</sub> = 10V (nC)	Q <sub>gd</sub> Typ @ V <sub>GS</sub> = 4.5V (nC)	Q <sub>rr</sub> Typ (nC)	C <sub>iss</sub> Typ (pF)	C <sub>oss</sub> Typ (pF)	C <sub>rss</sub> Typ (pF)	Packaging Type
EFC4626R-TR	Pb-free Halide free	Active	N-Channel	Dual	24	10	1.3	5	1.4	72.4	46.2		7.5							CS P-4

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

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