



Product Overview

EFC6611R: N-Channel Power MOSFET, 12V, 27A, 3.2mΩ, Dual EFCP

For complete documentation, see the data sheet

Product Description

EFC6611R is N-Channel Power MOSFET, 12V, 27A, 3.2mΩ, Dual EFCP.

Features	Benefits
<ul style="list-style-type: none">2.5V driveCommon-drain typeProtection diode inHalogen free compliance	<ul style="list-style-type: none">Suites for Li-Ion battery pack protection circuit(1cell, 2cell)Best suited for Li-Ion battery pack protection circuitStronger to ESDEnvironmental consideration

Applications	End Products
<ul style="list-style-type: none">Lithium-ion battery charging and discharging switch	<ul style="list-style-type: none">Smart PhoneCell PhoneTablet PCDigital still camera

Part Electrical Specifications

Product	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 (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
EFC6611R-TF	Pb-free Halide free	Active	N-Channel	Dual	12	8	1.3	27	2.5	6.3	3.2		100							CS P-6 / EFCP 351 7-6D GH-020

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

Created on: 7/11/2015