



Product Overview

CPH6444: N-Channel Power MOSFET, 60V, 4.5A, 78mΩ, Single CPH6

For complete documentation, see the data sheet

Product Description

CPH6444 is N-Channel Power MOSFET, 60V, 4.5A, 78mΩ, Single CPH6 for general purpose switching applications.

Features	Benefits
<ul style="list-style-type: none">Low RDS(on)ESD Diode - Protected GatePb-free, Halogen-free and RoHS Compliance4V drive	<ul style="list-style-type: none">Low RDS(on)ESD resistanceEnvironmental consideration

Applications	End Products
<ul style="list-style-type: none">Motor Drive	<ul style="list-style-type: none">Digital 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
CPH6444-TL-W	Pb-free Halide free	Active	N-Channel	Single	60	20	2.6	4.5	1.6		104	78		10	2.1		505	57	37	CPH-6

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

Created on: 7/11/2015