



Product Overview

EMH1307: P-Channel Power MOSFET, -20V, -6.5A, 26mΩ, Single EMH8

For complete documentation, see the data sheet

Product Description

EMH1307 is P-Channel Power MOSFET, -20V, -6.5A, 26mΩ, Single EMH8 for General-Purpose Switching Device Applications.

Features

- $R_{DS(on)}$ 1 : 20mΩ (typ)
- 1.8V drive
- Input Capacitance C_{iss} = 1100pF
- Halogen free compliance
- Protection diode in

Part Electrical Specifications

Product	Compliance	Status	Channel Polarity	Configuration	V_{DS} Min (V)	V_{GS} Max (V)	V_{GS} Min (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
EMH1307-TL-H	Pb-free Halide free	Active	P-Channel	Single	-20	10	-1.3	-6.5	1.5	44	26		13		3.7		1100	210	160	SO-T-383 FL / EMH-8

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

Created on: 7/11/2015