



Product Overview

SFT1440: N-Channel Power MOSFET, 600V, 1.5A, 8.1 , Single TP/TP-FA

For complete documentation, see the data sheet

Product Description

SFT1440 is an N-Channel Power MOSFET, 600V, 1.5A, 8.1 , Single TP/TP-FA for general purpose switching applications.

Features

- ON-resistance $R_{DS(on)}$ = 6.2 (typ)
- Protection diode in

Part Electrical Specifications

Product	Compliance	Status	Channel Polarity	Configuration	V_{DS} 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
SFT1440-E	Pb-free	Active	N-Channel	Single	600	30	5	1.5	20			8100		6.3	3.6		130	25	4	IPAK / TP
SFT1440-H	Pb-free Halide free	Product Preview	N-Channel	Single	600	30	5	1.5	20			8100		6.3	3.6		130	25	4	DPAK / TP-FA
SFT1440-TL-E	Pb-free	Active	N-Channel	Single	600	30	5	1.5	20			8100		6.3	3.6		130	25	4	DPAK / TP-FA
SFT1440-TL-H	Pb-free Halide free	Product Preview	N-Channel	Single	600	30	5	1.5	20			8100		6.3	3.6		130	25	4	DPAK / TP-FA

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

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