



Product Overview

SFT1445: N-Channel Power MOSFET, 100V, 17A, 111m , Single TP/TP-FA

For complete documentation, see the data sheet

Product Description

SFT1445 is an N-Channel Power MOSFET, 100V, 17A, 111m , Single TP/TP-FA for General-Purpose Switching Device Application.

Features

- ON-resistance $R_{DS(on)1} = 85m$ (typ)
- 4V drive
- Input Capacitance $C_{iss} = 1030pF$ (typ)
- Halogen free compliance
- Protection diode in

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)	$r_{DS(on)}^{(Typ)}$ Max @ $V_{GS} = 2.5V$ (m)	$r_{DS(on)}^{(Typ)}$ Max @ $V_{GS} = 4.5V$ (m)	$r_{DS(on)}^{(Typ)}$ 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
SFT1445-H	Pb-free Halide free	Active	N-Channel	Single	100	20	2.6	17	1		126	111		19	3.8		1030	78	42	IPAK / TP
SFT1445-TL-H	Pb-free Halide free	Active	N-Channel	Single	100	20	2.6	17	1		126	111		19	3.8		1030	78	42	DPAK / TP-FA

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

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