



Product Overview

SFT1423: N-Channel Power MOSFET, 500V, 2A, 4.9 , Single TP/TP-FA

For complete documentation, see the data sheet

Product Description

SFT1423 is an N-Channel Power MOSFET, 500V, 2A, 4.9 , Single TP/TP-FA for General-Purpose Switching Device Application.

Features

- Low ON-resistance
- 4V drive
- Protection diode in

Part Electrical Specifications

Product	Compliance	Status	Channel Polarity	Configuration	$V_{DS(BR)Min}$ (V)	$V_{GSMax}$ (V)	$V_{GS(th)Max}$ (V)	$I_{DMax}$ (A)	$P_{DMax}$ (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
SFT1423-E	Pb-free	Active	N-Channel	Single	500	20	2.6	2	1			4900		8.7	2.9		175	32	6	IPAK/TP
SFT1423-TL-E	Pb-free	Active	N-Channel	Single	500	20	2.6	2	1			4900		8.7	2.9		175	32	6	DPAK/TP-FA

For more information please contact your local sales support at [www.onsemi.com](http://www.onsemi.com)

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