



Product Overview

FW389: Power MOSFET, 100V, 2A, 225m , -100V, -2A, 300m , Complementary Dual SOIC-8

For complete documentation, see the data sheet

Product Description

FW389 is a Power MOSFET, 100V, 2A, 225m , -100V, -2A, 300m , Complementary Dual SOIC-8 for General-Purpose Switching Device Application.

Features

- ON-resistance
Nch : $R_{DS(on)1} = 165m$ (typ)
Pch : $R_{DS(on)1} = 230m$ (typ)
- Input Capacitance
Nch : $C_{iss} = 490pF$ (typ)
Pch : $C_{iss} = 1000pF$ (typ)
- 4V drive
- Halogen free compliance
- Protection diode in

Part Electrical Specifications

Product	Compliance	Status	Channel Polarity	Configuration	$V_{DS}^{(BR)}$ Min (V)	$V_{GS}^{(n)}$ Max (V)	$V_{GS}^{(p)}$ 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
FW389-TL-2W	Pb-free Halide free	Active	Complementary	Dual	100	20	2.6	2	1.8		254	225		10	2.1		490	34	13	SOIC-8

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

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