

## Product Overview

### FW217A: N-Channel Power MOSFET, 35V, 6A, 39mΩ

For complete documentation, see the data sheet.

FW217A is an N-Channel Power MOSFET, 35V, 6A, 39mΩ, Dual SOIC8 for General Purpose Switching Device Application.

#### Features

- Low On-Resistance
- Pb-Free, Halogen Free and RoHS Compliance
- Low Capacitance
- ESD Diode - Protected Gate
- 4.5V Drive

#### Benefits

- Improves Efficiency by Reducing Conduction Losses. Reduces Heat Dissipation
- Environmental Consideration
- Ease of Drive, Faster Turn-on/Turn-off
- ESD Resistance

#### Applications

- Motor Driver, Inverter Driver

#### End Products

- PC, Server, Pump, Fan Motor, Cell phones' Base Station

### Part Electrical Specifications

Product	Compliance	Status	Chan- nel Polar- ity	Confi- gura- tion	$V_{GS}^{(BR)D}$ Min (V)	$V_{GS}^{Max}$ (V)	$V_{GS}^{(th)Max}$ (V)	$I_D$ Max (A)	$P_D$ Max (W)	$R_{DS(on)}$ Max @ $V_{GS} =$ 2.5 V (mΩ)	$R_{DS(on)}$ Max @ $V_{GS} =$ 4.5 V (mΩ)	$R_{DS(on)}$ Max @ $V_{GS} =$ 10 V (mΩ)	$Q_g$ Typ @ $V_{GS} =$ 4.5 V (nC)	$Q_g$ Typ @ $V_{GS} =$ 10 V (nC)	$C_{iss}$ Typ (pF)	Pack- age Type
FW217A-TL-2W	Pb-free Halide free	Active	N- Chan- nel	Dual	35	20	2.6	6	1.8	-	Q1= Q2=7 0	Q1= Q2=3 9	-	10	470	SOIC -8

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

Created on: 9/19/2019