

## 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	Pricing (\$/Unit)	Compliance	Status	Channel Polarity	Configuration	$V_{(BR)DSS}$ Min (V)	$V_{GS}$ Max (V)	$V_{GS(th)}$ Max (V)	$I_D$ Max (A)	$P_D$ Max (W)	$R_{DS(on)}$ Max @ $V_{GS} = 2.5V$ (mΩ)	$R_{DS(on)}$ Max @ $V_{GS} = 4.5V$ (mΩ)	$R_{DS(on)}$ Max @ $V_{GS} = 10V$ (mΩ)	$Q_g$ Typ @ $V_{GS} = 4.5V$ (nC)	$Q_g$ Typ @ $V_{GS} = 10V$ (nC)	$C_{ISS}$ Typ (pF)	Package Type
FW217A-TL-2W	0.28	Pb-free Halide free	Active	N-Channel	Dual	35	20	2.6	6	1.8	-	Q1=70 Q2=39	Q1=70 Q2=39	-	10	470	SOIC-8

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

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