

## Product Overview

### MCH6353: Single P-Channel Power MOSFET -12V, -6.0A, 35 mΩ

For complete documentation, see the data sheet.

MCH6353 is P-Channel Power MOSFET -12V, -6.0A, 35mΩ , Single MCPH6

#### Features

- Ultra Low on resistance
- 1.5V drive
- Built-in G-S protection diode

#### Applications

- Load switch

#### Benefits

- Reduces power consumption
- Drive at low voltage
- Stronger to ESD

#### End Products

- Digital still camera
- Smart Phone

### Part Electrical Specifications

Product	Compliance	Status	Chan- nel Polar- ity	Confi- gura- tion	$V_{SS}^{(BR)D}$ 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
MCH6353-TL-W	Pb-free Halide free	Active	P- Chan- nel	Singl- e	-12	10	1.4	-6	1.4	48	35	-	-	12	1250	SC- 88FL / MCP H-6

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

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