



## Product Overview

### 2N7002W: Small Signal MOSFET 60V 340mA 1.6 Ohm Single N-Channel SC-70

For complete documentation, see the data sheet.

Power MOSFET ideal for low power applications. 60V, 340mA, 1.6 Ohm, Single N-Channel, SC-70.

#### Features

- Low RDS(on)
- Small Footprint Surface Mount Package
- ESD Protected
- RoHS Compliant

#### Benefits

- Improved system efficiency
- Space saving

#### Applications

- Low Side Load Switch
- Level Shift Circuits
- DC-DC Converter
- Portable Applications i.e. DSC, PDA, Cell Phone, etc.

#### End Products

- Notebook, Desk Top, DTV, Portable

Part Electrical Specifications																	
Product	Pricing (\$/Unit)	Compliance	Status	Channel Polarity	Configuration	V <sub>DS(BR)</sub> Min (V)	V <sub>GS</sub> Max (V)	V <sub>GS(th)</sub> Max (V)	I <sub>D</sub> Max (A)	P <sub>D</sub> Max (W)	R <sub>DS(on)</sub> Max @ V <sub>GS</sub> = 2.5 V (mΩ)	R <sub>DS(on)</sub> Max @ V <sub>GS</sub> = 4.5 V (mΩ)	R <sub>DS(on)</sub> Max @ V <sub>GS</sub> = 10 V (mΩ)	Q <sub>3</sub> Typ @ V <sub>GS</sub> = 4.5 V (nC)	Q <sub>3</sub> Typ @ V <sub>GS</sub> = 10 V (nC)	C <sub>iss</sub> Typ (pF)	Package Type
2N7002W	0.0511	Pb-free Halide free non AEC-Q and PPAP	Active	N-Channel	Single	60	20	2.5	0.34	0.28	-	2500	1600	-	0.7	24.5	SC-70-3 / SOT-323-3
2N7002WT1G	0.0331	Pb-free Halide free non AEC-Q and PPAP	Active	N-Channel	Single	60	20	2.5	0.34	0.28	-	2500	1600	-	0.7	24.5	SC-70-3 / SOT-323-3

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

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