

2N7002W

Small Signal MOSFET 60V 340mA 1.6 Ohm Single N-Channel SC-70

Product Overview

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

Applications

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



Benefits

- Improved system efficiency
- Space saving

End Products

- Notebook, Desk Top, DTV, Portable

Part Electrical Specifications

Product	Pricing (\$/Unit)	Compliance	Status	Channel Polarity	Configuration	V _{DS(BR) Min} (V)	V _{GS Max} (V)	V _{GS(st) 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 Typ @ V _{GS} = 10 V (nC)	C _{iss Typ} (pF)	Package Type
2N7002W	0.0631	 	Active	N-Channel	Single	60	20	2.5	0.34	0.28	-	2500	1600	-	0.7	24.5	SC-70-3 / SOT-323-3