

2V7002W

N-Channel Small Signal MOSFET 60V, 340mA, 1.6Ω

Product Overview

For complete documentation, see the data sheet.

Automotive Power MOSFET ideal for low power applications. 60V, 340mA, 1.6 Ohm, Single N-Channel, SC-70. AEC-Q101 Qualified MOSFET and PPAP capable suitable for automotive applications.

Features

- Small Footprint Surface Mount Package
- Low RDS(on)
- RoHS compliant
- ESD Protected
- 2V Prefix for AEC-Q101 Qualified and PPAP Capable

Applications

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

Benefits

- Space saving
- Improved system efficiency

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(t)} 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)	Package Type
2V7002WT1G	0.0485		Active	N-Channel	Single	60	20	2.5	0.34	0.28	-	2500	1600	-	0.7	24.5	SC-70-3 / SOT-323-3