

Product Overview

MCH3476: Single N-Channel Power MOSFET 20V, 2A, 125mΩ

For complete documentation, see the data sheet.

MCH3476 is a Power MOSFET, 20V, 125mΩ, 2A, Single N-Channel for General-Purpose switching device applications.

Features

- 1.8V Drive
- Pb-Free, Halogen Free and RoHS Compliance
- ESD Diode-Protected Gate
- Low On-Resistance :RDS(on) = 125 mΩ (max) at VGS = 4.5 V, ID = 1 A

Benefits

- Drive at Low Voltage
- Environmental Consideration
- ESD Resistance
- Improves Efficiency by Reducing Conduction Losses, Reduces Heat Dissipation

Applications

- Load Switch

End Products

- Smartphone

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
MCH3476-TL-H	Pb-free Halide free	Active	N- Chan- nel	Singl- e	20	12	1.3	2	0.8	190	125	-	2.8	1.8	128	SC- 70FL / MCP H-3

For more information please contact your local sales support at www.onsemi.com.

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