

Product Overview

ATP405: N-Channel Power MOSFET 100V, 40A, 33mΩ

For complete documentation, see the data sheet.

ATP405 is an N-Channel Power MOSFET, 100V, 40A, 33mΩ, ATPAK for general purpose switching applications.

Features

- 10V drive
- ON-resistance $R_{DS(on)} = 25\text{m}\Omega$ (typ)
- Input capacitance $C_{iss} = 4000\text{pF}$ (typ)

Applications

- This product is general usage and suitable for many different applications

Part Electrical Specifications

Product	Compliance	Status	Chan- nel Polar- ity	Confi- gura- tion	V_{BRD} V_{SS} 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
ATP405-TL-H	Pb-free Halide free	Active	N- Chan- nel	Singl- e	100	20	3.5	40	70	-	-	33	-	68	4000	DPA K (Singl- e Gaug- e) / ATPA K

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

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