



Product Overview

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

For complete documentation, see the data sheet

Product Description

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

Features

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

Part Electrical Specifications

Product	Compliance	Status	Channel Polarity	Configuration	$V_{DS(sat)}$ Min (V)	$V_{GS}$ Max (V)	$V_{GS(th)}$ Max (V)	$I_D$ Max (A)	$P_D$ Max (W)	$r_{DS(on)}$ Max @ $V_{GS} = 2.5V$ (m)	$r_{DS(on)}$ Max @ $V_{GS} = 4.5V$ (m)	$r_{DS(on)}$ Max @ $V_{GS} = 10V$ (m)	$Q_g$ Typ @ $V_{GS} = 4.5V$ (nC)	$Q_g$ Typ @ $V_{GS} = 10V$ (nC)	$Q_{gd}$ Typ @ $V_{GS} = 4.5V$ (nC)	$Q_{rr}$ Typ (nC)	$C_{iss}$ Typ (pF)	$C_{oss}$ Typ (pF)	$C_{rss}$ Typ (pF)	Packaging Type
ATP405-TL-H	Pb-free Halide free	Active	N-Channel	Single	100	20	3.5	40	70			33		68	15		4000	300	170	DP AK (Single Gauge) / ATPAK

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

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