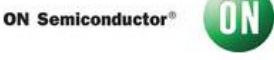







# ATP301-TL-H

Manufacturer Part Number	<b>ATP301-TL-H</b>	 
Manufacturer	<b>onsemi</b>	
Allelco Part Number	32D-ATP301-TL-H	
ECAD Model	 Request Free CAD Models	
Parts Description	MOSFET P-CH 100V 28A ATPAK	
Package	ATPAK (2 Leads+Tab)	
Data sheet	ATP301-TL-H.pdf	
RoHs Status	 <b>ROHS3 Compliant</b>	

ATP301-TL-H - onsemi.New Original in Stock. Download Linear Technology ATP301-TL-H datasheet/specifications on AllelcoElec.com.

Request a quote for ATP301-TL-H, please send us email: [info@allelco.com](mailto:info@allelco.com)

## Specifications



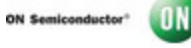
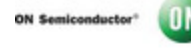
ATP301-TL-H Tech Specifications

ATP301-TL-H - onsemi technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	onsemi	Operating Temperature	150°C (TJ)
Vgs(th) (Max) @ Id	-	Mounting Type	Surface Mount
Vgs (Max)	±20V	Input Capacitance (Ciss) (Max) @ Vds	4000 pF @ 20 V
Technology	MOSFET (Metal Oxide)	Gate Charge (Qg) (Max) @ Vgs	73 nC @ 10 V
Supplier Device Package	ATPAK	FET Type	P-Channel
Series	-	FET Feature	-
Rds On (Max) @ Id, Vgs	75mOhm @ 14A, 10V	Drive Voltage (Max Rds On, Min Rds On)	10V
Power Dissipation (Max)	70W (Tc)	Drain to Source Voltage (Vdss)	100 V
Package / Case	ATPAK (2 Leads+Tab)	Current - Continuous Drain (Id) @ 25°C	28A (Ta)
Package	Tape & Reel (TR)	Base Product Number	ATP301

## Parts with Similar Specifications


The three parts on the right have similar specifications to onsemi ATP301-TL-H


Product Attribute	 NO PICTURE			
Part Number	ATP301-TL-H	ATP302-TL-H	ATP216-TL-H	ATP212-S-TL-H
Manufacturer	onsemi	onsemi	onsemi	onsemi
FET Type	P-Channel	P-Channel	N-Channel	-
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Supplier Device Package	ATPAK	ATPAK	ATPAK	ATPAK
Power Dissipation (Max)	70W (Tc)	70W (Tc)	40W (Tc)	-
Current - Continuous Drain (Id) @ 25°C	28A (Ta)	70A (Ta)	35A (Ta)	35A (Tj)
FET Feature	-	-	-	-
Series	-	-	-	-
Drive Voltage (Max Rds On, Min Rds On)	10V	4.5V, 10V	1.8V, 4.5V	-
Gate Charge (Qg) (Max) @ Vgs	73 nC @ 10 V	115 nC @ 10 V	30 nC @ 4.5 V	-
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)
Technology	MOSFET (Metal Oxide)	MOSFET (Metal Oxide)	MOSFET (Metal Oxide)	-
Package / Case	ATPAK (2 Leads+Tab)	ATPAK (2 Leads+Tab)	ATPAK (2 leads+tab)	ATPAK (2 leads+tab)
Operating Temperature	150°C (TJ)	150°C (TJ)	150°C (TJ)	150°C (TJ)
Input Capacitance (Ciss) (Max) @ Vds	4000 pF @ 20 V	5400 pF @ 20 V	2700 pF @ 20 V	-
Base Product Number	ATP301	ATP302	ATP216	ATP212
Rds On (Max) @ Id, Vgs	75mOhm @ 14A, 10V	13mOhm @ 35A, 10V	23mOhm @ 18A, 4.5V	-
Drain to Source Voltage (Vdss)	100 V	60 V	50 V	-
Vgs (Max)	±20V	±20V	±10V	-
Vgs(th) (Max) @ Id	-	-	-	-

## ATP301-TL-H Datasheet PDF


Download ATP301-TL-H pdf datasheets and onsemi documentation for ATP301-TL-H - onsemi.

### Environmental Information

 [onsemi REACH.pdf](#)

 [onsemi RoHS.pdf](#)

### PCN Design/Specification

 [Lead Frame Material Update 09/Apr/2014.pdf](#)













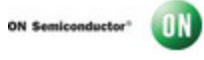
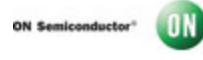

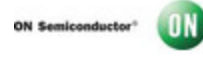


 [ATPAK Mold/Lead Frame Chgs 27/Jul/2016.pdf](#)

### PCN Obsolescence/ EOL

PCN Assembly/Origin

Customers Also Interested in

Recommended Products

 <b>ATP302-TL-H</b> onsemi MOSFET P-CH 60V 70A ATPAK	 <b>ATP401</b> AMI Semiconductor/onsemi	 <b>ATP404</b> AMI Semiconductor/onsemi	 <b>ATP216-TL-H</b> onsemi MOSFET N-CH 50V 35A ATPAK	 <b>ATP212-S-TL-H</b> onsemi MOSFET N-CH 60V 35A ATPAK	 <b>ATP212</b> AMI Semiconductor/onsemi
 <b>ATP214</b> AMI Semiconductor/onsemi	 <b>ATP214-TL-H</b> onsemi MOSFET N-CH 60V 75A ATPAK	 <b>ATP212-TL-H</b> onsemi MOSFET N-CH 60V 35A ATPAK	 <b>ATP208-TL-H</b> onsemi MOSFET N-CH 40V 90A ATPAK	 <b>ATP302</b> AMI Semiconductor/onsemi	 <b>ATP30D60B</b> APT
 <b>ATP213-TL-H</b> onsemi MOSFET N-CH 60V 50A ATPAK	 <b>ATP304-TL-H</b> onsemi MOSFET P-CH 60V 100A ATPAK	 <b>ATP2421</b> ATP Electronics, Inc.	 <b>ATP208</b> AMI Semiconductor/onsemi	 <b>ATP404-TL-H</b> onsemi MOSFET N-CH 60V 95A ATPAK	 <b>ATP401-TL-H</b> onsemi MOSFET N-CH 60V 100A ATPAK

Shipment

Delivery Time

In-stock items can be shipped within 24 hours. Some parts will be arranged for delivery within 1-2 days from the date all items arrive at our warehouse. And Allelco ships order once a day at about 17:00, except Sunday. Once the goods are shipped, the estimated delivery time depends on the shipping methods and Delivery destination. The table below shows are the logistic time for some common countries.

Delivery Cost

- > Use your express account for shipment if you have one.
  - > Use our account for the shipment. Refer to the table below for the approximate charges.
- (Different time frame / countries / package size has different price.)

Delivery Method

- > Global Common Shipment by DHL / UPS / FedEx / TNT / EMS / SF we support.
- > Others more shipping ways, please get in touch with your customer manager.

Common Countries Logistic Time Reference		
Region	Country	Logistic Time(Day)
America	United States	5
	Brazil	7
Europe	Germany	5
	United Kingdom	4
	Italy	5
Oceania	Australia	6
	New Zealand	7
Asia	India	6
	Japan	7
Middle East	Israel	6

DHL & FedEx Shipment Charges Reference	
Shipment charges(KG)	Reference DHL(USD\$)
0.00kg-1.00kg	USD\$60.00
1.00kg-2.00kg	USD\$70.00
2.00kg-3.00kg	USD\$80.00




Note: The above table is for reference only. There may have some data bias for the uncontrollable factors. Contact us if you have any questions.

Payment Support

The payment method can be chosen from the methods shown below:  
Wire Transfer (T/T, Bank Transfer), Western Union, Credit card, PayPal.



Your Faithful Supply Chain Partner -

 Efficient Supply Management	 Cost-Saving Procurement	 Fast Sourcing & Delivery
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Contact us if you have any questions.

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Certifications & Memberships



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