



Image may be representation.
See specifications for product details.

CPH3455-TL-H

Manufacturer Part Number	CPH3455-TL-H
Manufacturer	onsemi
Allelco Part Number	32D-CPH3455-TL-H
ECAD Model	PCB Symbol, Footprint & 3D Model
Parts Description	MOSFET N-CH 35V 3A 3CPH
Package	TO-236-3, SC-59, SOT-23-3
Data sheet	CPH3455.pdf
RoHs Status	ROHS3 Compliant

Get a Quote



CPH3455-TL-H - onsemi.New Original in Stock. Download Linear Technology CPH3455-TL-H datasheet/specifications on AllelcoElec.com.
Request a quote for CPH3455-TL-H, please send us email: info@allelco.com

Specifications

CPH3455-TL-H Tech Specifications

CPH3455-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	186 pF @ 20 V
Technology	MOSFET (Metal Oxide)	Gate Charge (Qg) (Max) @ Vgs	4 nC @ 10 V
Supplier Device Package	3-CPH	FET Type	N-Channel
Series	-	FET Feature	-
Rds On (Max) @ Id, Vgs	104mOhm @ 1.5A, 10V	Drive Voltage (Max Rds On, Min Rds On)	4V, 10V
Power Dissipation (Max)	1W (Ta)	Drain to Source Voltage (Vdss)	35 V
Package / Case	TO-236-3, SC-59, SOT-23-3	Current - Continuous Drain (Id) @ 25°C	3A (Ta)
Package	Tape & Reel (TR)	Base Product Number	CPH345

Parts with Similar Specifications

The three parts on the right have similar specifications to onsemi CPH3455-TL-H

Product Attribute				
Part Number	CPH3455-TL-H	CPH3462-TL-W	CPH3457-TL-H	CPH3456-TL-W
Manufacturer	onsemi	onsemi	onsemi	onsemi
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Current - Continuous Drain (Id) @ 25°C	3A (Ta)	1A (Ta)	3A (Ta)	3.5A (Ta)
Vgs(th) (Max) @ Id	-	2.6V @ 1mA	-	1.3V @ 1mA
Package / Case	TO-236-3, SC-59, SOT-23-3	TO-236-3, SC-59, SOT-23-3	TO-236-3, SC-59, SOT-23-3	TO-236-3, SC-59, SOT-23-3
Rds On (Max) @ Id, Vgs	104mOhm @ 1.5A, 10V	785mOhm @ 1A, 10V	95mOhm @ 1.5A, 4.5V	71mOhm @ 1.5A, 4.5V
Technology	MOSFET (Metal Oxide)	MOSFET (Metal Oxide)	MOSFET (Metal Oxide)	MOSFET (Metal Oxide)
Drain to Source Voltage (Vdss)	35 V	100 V	30 V	20 V
Power Dissipation (Max)	1W (Ta)	1W (Ta)	1W (Ta)	1W (Ta)
Operating Temperature	150°C (TJ)	150°C (TJ)	150°C (TJ)	150°C (TJ)
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)
Base Product Number	CPH345	CPH3462	CPH345	CPH3456
Drive Voltage (Max Rds On, Min Rds On)	4V, 10V	4V, 10V	1.8V, 4.5V	1.8V, 4.5V
FET Type	N-Channel	N-Channel	N-Channel	N-Channel
Gate Charge (Qg) (Max) @ Vgs	4 nC @ 10 V	3.4 nC @ 10 V	3.5 nC @ 4.5 V	2.8 nC @ 4.5 V
FET Feature	-	-	-	-
Supplier Device Package	3-CPH	3-CPH	3-CPH	3-CPH
Series	-	-	-	-
Input Capacitance (Ciss) (Max) @ Vds	186 pF @ 20 V	155 pF @ 20 V	265 pF @ 10 V	260 pF @ 10 V
Vgs (Max)	±20V	±20V	±12V	±12V

CPH3455-TL-H Datasheet PDF

Download CPH3455-TL-H pdf datasheets and onsemi documentation for CPH3455-TL-H - onsemi.

Datasheets

CPH3455.pdf

Environmental Information

onsemi RoHS.pdf

PCN Obsolescence/ EOL

PCN Design/Specification

Customers Also Interested in

Recommended Products

CPH3462-TL-W onsemi MOSFET N-CH 100V 1A 3CPH	CPH3441-TL-E onsemi NCH 4V DRIVE SERIES	CPH3457-TL-H onsemi MOSFET N-CH 30V 3A 3CPH	CPH3448 VBSEMI	CPH3456-TL-W onsemi MOSFET N-CH 20V 3.5A 3CPH	CPH3910-TL-E onsemi JFET N-CH 25V 50MA 3CPH
CPH3459-TL-W onsemi MOSFET N-CH 200V 500MA 3CPH	CPH3461-TL-H onsemi MOSFET N-CH 250V 350MA 3CPH	CPH3461-TL-W onsemi MOSFET N-CH 250V 350MA 3CPH	CPH3448-TL-W onsemi MOSFET N-CH 30V 4A 3CPH	CPH3448-TL-W Texas Instruments SMALL SIGNAL FIELD-EFFECT TRANSI	CPH3453-TL-E
CPH3448-TL-H onsemi MOSFET N-CH 30V 4A 3CPH	CPH3448-TL-E AMI Semiconductor/onsemi	CPH3448-W AMI Semiconductor/onsemi	CPH3449-TL-E onsemi NCH 2.5V DRIVE SERIES	CPH3457 VBSEMI	CPH3457-TL-W onsemi MOSFET N-CH 30V 3A 3CPH

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.

Phone +00852 9146 4856	Email info@allelco.com
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Certifications & Memberships



View More

Contact us

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