

Image may be representation.
See specifications for product details.

ECH8668-TL-H

Manufacturer Part Number	ECH8668-TL-H
Manufacturer	onsemi
Allelco Part Number	32D-ECH8668-TL-H
ECAD Model	PCB Symbol, Footprint & 3D Mode
Parts Description	MOSFET N/P-CH 20V 7.5A/5A ECH8
Package	8-SMD, Flat Lead
Data sheet	ECH8668.pdf
RoHs Status	ROHS3 Compliant

Get a Quote



ECH8668-TL-H - onsemi.New Original in Stock. Download Linear Technology ECH8668-TL-H datasheet/specifications on AllelcoElec.com.
Request a quote for ECH8668-TL-H, please send us email: info@allelco.com

Specifications

ECH8668-TL-H Tech Specifications

ECH8668-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
Technology	MOSFET (Metal Oxide)	Input Capacitance (Ciss) (Max) @ Vds	1060pF @ 10V
Supplier Device Package	8-ECH	Gate Charge (Qg) (Max) @ Vgs	10.8nC @ 4.5V
Series	-	FET Feature	Logic Level Gate
Rds On (Max) @ Id, Vgs	17mOhm @ 4A, 4.5V	Drain to Source Voltage (Vdss)	20V
Power - Max	1.5W	Current - Continuous Drain (Id) @ 25°C	7.5A, 5A
Package / Case	8-SMD, Flat Lead	Configuration	N and P-Channel
Package	Tape & Reel (TR)	Base Product Number	ECH8668

Parts with Similar Specifications

The three parts on the right have similar specifications to onsemi ECH8668-TL-H

Product Attribute				
Part Number	ECH8668-TL-H	ECH8661-TL-H	ECH8659-TL-H	ECH8690-TL-H
Manufacturer	onsemi	onsemi	onsemi	onsemi
Gate Charge (Qg) (Max) @ Vgs	10.8nC @ 4.5V	11.8nC @ 10V	11.8nC @ 10V	18nC @ 10V
Operating Temperature	150°C (TJ)	150°C (TJ)	150°C (TJ)	150°C (TJ)
Vgs(th) (Max) @ Id	-	-	-	-
Input Capacitance (Ciss) (Max) @ Vds	1060pF @ 10V	710pF @ 10V	710pF @ 10V	955pF @ 20V
Base Product Number	ECH8668	ECH8661	ECH8659	ECH8690
Drain to Source Voltage (Vdss)	20V	30V	30V	60V
Power - Max	1.5W	1.5W	1.5W	1.5W
Rds On (Max) @ Id, Vgs	17mOhm @ 4A, 4.5V	24mOhm @ 3.5A, 10V	24mOhm @ 3.5A, 10V	55mOhm @ 2A, 10V
Configuration	N and P-Channel	N and P-Channel	2 N-Channel (Dual)	N and P-Channel
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)
Technology	MOSFET (Metal Oxide)	MOSFET (Metal Oxide)	MOSFET (Metal Oxide)	MOSFET (Metal Oxide)
Series	-	-	-	-
FET Feature	Logic Level Gate	Logic Level Gate	Logic Level Gate	Logic Level Gate, 4V Drive
Supplier Device Package	8-ECH	8-ECH	8-ECH	8-ECH
Package / Case	8-SMD, Flat Lead	8-SMD, Flat Lead	8-SMD, Flat Lead	8-SMD, Flat Lead
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Current - Continuous Drain (Id) @ 25°C	7.5A, 5A	7A, 5.5A	7A	4.7A, 3.5A

ECH8668-TL-H Datasheet PDF

Download ECH8668-TL-H pdf datasheets and onsemi documentation for ECH8668-TL-H - onsemi.

Datasheets

[ECH8668.pdf](#)

Environmental Information

[onsemi REACH.pdf](#)



















[onsemi RoHS.pdf](#)

PCN Obsolescence/ EOL

[Mult Dev EOL 08/Jul/2021.pdf](#)

Customers Also Interested in

Recommended Products

 ECH8661-TL-H onsemi MOSFET N/P-CH 30V 7A/5.5A ECH8	 ECH8659-TL-H onsemi MOSFET 2N-CH 30V 7A ECH8	 ECH8690-TL-H onsemi MOSFET N/P-CH 60V ECH8	 ECH8693R-TL AMI Semiconductor/onsemi	 ECH8660-TL-H onsemi MOSFET N/P-CH 30V 4.5A 8ECH	 ECH8663R-TL AMI Semiconductor/onsemi
 ECH8674-TL-H Sanyo P-CHANNEL MOSFET	 ECH8667-TL-H onsemi MOSFET 2P-CH 30V 5.5A 8ECH	 ECH8663R-TL-H onsemi MOSFET 2N-CH 30V 8A 8ECH	 ECH8659-M-TL-H onsemi MOSFET 2N-CH 30V 7A ECH8	 ECH8693R-TL-W onsemi MOSFET 2N-CH 24V 14A SOT28	 ECH8666-P-TL-H AMI Semiconductor/onsemi
 ECH8692R-TL-W AMI Semiconductor/onsemi	 ECH8672 MOS AMI Semiconductor/onsemi	 ECH8672 AMI Semiconductor/onsemi	 ECH8692R-TL AMI Semiconductor/onsemi	 ECH8692R AMI Semiconductor/onsemi	 ECH8664R-TL-H onsemi MOSFET 2N-CH 30V 7A ECH8

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

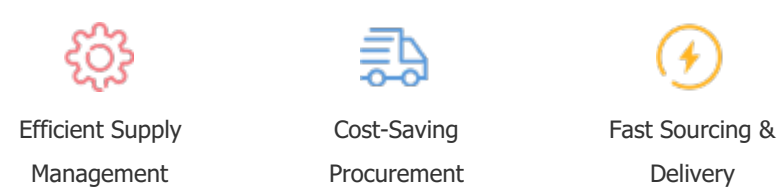
Note: The above table is for reference only. There may have some data bias for the uncontrollable factors.
Contact us if you have any questions.

Payment Support

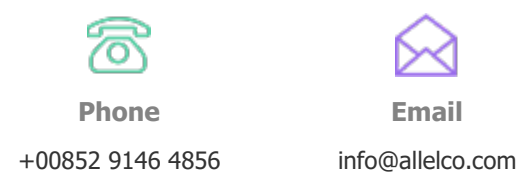
The payment method can be chosen from the methods shown below:
Wire Transfer (T/T, Bank Transfer), Western Union, Credit card, PayPal.



Your Faithful Supply Chain Partner -



Contact us if you have any questions.



Certifications & Memberships



[View More](#)

Contact us

Address: Flat/Rm C 13/F Harvard Commercial Building 105-111 Thomson Road, Wan Chai, Hong Kong

Phone: +00852 9146 4856

Fax: +00852 3010 8510

Email: info@Allelco.com