

Image may be representation.
See specifications for product details.



MTB50P03HDL

Manufacturer Part Number	MTB50P03HDL
Manufacturer	onsemi
Allelco Part Number	32D-MTB50P03HDL
ECAD Model	Request Free CAD Models
Parts Description	MOSFET P-CH 30V 50A D2PAK
Package	TO-263-3, D ² Pak (2 Leads + Tab), TO-263AB
Data sheet	MTB50P03HDL.pdf

Get a Quote

MTB50P03HDL - onsemi.New Original in Stock. Download Linear Technology MTB50P03HDL datasheet/specifications on AllelcoElec.com.
Request a quote for MTB50P03HDL, please send us email: info@allelco.com

Specifications

MTB50P03HDL Tech Specifications
MTB50P03HDL - onsemi technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	onsemi	Mounting Type	Surface Mount
Vgs(th) (Max) @ Id	2V @ 250µA	Input Capacitance (Ciss) (Max) @ Vds	4900 pF @ 25 V
Technology	MOSFET (Metal Oxide)	Gate Charge (Qg) (Max) @ Vgs	100 nC @ 5 V
Supplier Device Package	D ² PAK	FET Type	P-Channel
Series	-	FET Feature	-
Rds On (Max) @ Id, Vgs	25mOhm @ 25A, 5V	Drain to Source Voltage (Vdss)	30 V
Package / Case	TO-263-3, D ² Pak (2 Leads + Tab), TO-263AB	Current - Continuous Drain (Id) @ 25°C	50A (Tc)
Package	Tube	Base Product Number	MTB50

Parts with Similar Specifications

The three parts on the right have similar specifications to onsemi MTB50P03HDL

Product Attribute				
Part Number	MTB50P03HDL	MTB50P03HDLT4	MTB50P03HDLT4G	MTB50P03HDLG
Manufacturer	onsemi	onsemi	onsemi	onsemi
Drain to Source Voltage (Vdss)	30 V	30 V	30 V	30 V
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Technology	MOSFET (Metal Oxide)	MOSFET (Metal Oxide)	MOSFET (Metal Oxide)	MOSFET (Metal Oxide)
FET Type	P-Channel	P-Channel	P-Channel	P-Channel
Series	-	-	-	-
Supplier Device Package	D ² PAK	D ² PAK	D ² PAK	D ² PAK
Input Capacitance (Ciss) (Max) @ Vds	4900 pF @ 25 V	4900 pF @ 25 V	4900 pF @ 25 V	4900 pF @ 25 V
Gate Charge (Qg) (Max) @ Vgs	100 nC @ 5 V	100 nC @ 5 V	100 nC @ 5 V	100 nC @ 5 V
Base Product Number	MTB50	MTB50	MTB50	MTB50
FET Feature	-	-	-	-
Vgs(th) (Max) @ Id	2V @ 250µA	2V @ 250µA	2V @ 250µA	2V @ 250µA
Package / Case	TO-263-3, D ² Pak (2 Leads + Tab), TO-263AB	TO-263-3, D ² Pak (2 Leads + Tab), TO-263AB	TO-263-3, D ² Pak (2 Leads + Tab), TO-263AB	TO-263-3, D ² Pak (2 Leads + Tab), TO-263AB
Current - Continuous Drain (Id) @ 25°C	50A (Tc)	50A (Tc)	50A (Tc)	50A (Tc)
Package	Tube	Cut Tape (CT)	Tape & Reel (TR)	Tube
Rds On (Max) @ Id, Vgs	25mOhm @ 25A, 5V	25mOhm @ 25A, 5V	25mOhm @ 25A, 5V	25mOhm @ 25A, 5V

MTB50P03HDL Datasheet PDF

Download MTB50P03HDL pdf datasheets and onsemi documentation for MTB50P03HDL - onsemi.

Datasheets

[MTB50P03HDL.pdf](#)

Environmental Information

[onsemi REACH.pdf](#)

[onsemi RoHS.pdf](#)

PCN Obsolescence/ EOL



















[Multiple Devices 21/Jan/2010.pdf](#)

PCN Design/Specification

[Mult Dev Material Chg 2/Oct/2018.pdf](#)

Customers Also Interested in

Recommended Products

 NO PICTURE	 NO PICTURE	 NO PICTURE	 NO PICTURE	 NO PICTURE	 NO PICTURE
MTB50A08Q8	MTB50A08Q8-0-T3-G CYSTEK	MTB4N80ET4 MOS MOTOROLA	MTB50N06 MOTOROLA	MTB4D0N03BJ3 CYSTEK	MTB50N06EL MOTOROLA
 NO PICTURE	 NO PICTURE		 NO PICTURE	 NO PICTURE	
MTB55N03J3 CYSTEK	MTB4D0N03BV8 CYS	MTB50P03HDLT4 onsemi MOSFET P-CH 30V 50A D2PAK	MTB4D0N03BQ8 CYSTEK	MTB55N03KN3 CYSTEK	MTB50N06VL AMI Semiconductor/onsemi
		 NO PICTURE			 NO PICTURE
MTB52N06VLT4 AMI Semiconductor/onsemi	MTB50P03HG AMI Semiconductor/onsemi	MTB50N06VT4 MOT	MTB50P03HDLT4G onsemi MOSFET P-CH 30V 50A D2PAK	MTB50P03HDLG onsemi MOSFET P-CH 30V 50A D2PAK	MTB55N03N3 CYSTEK

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.

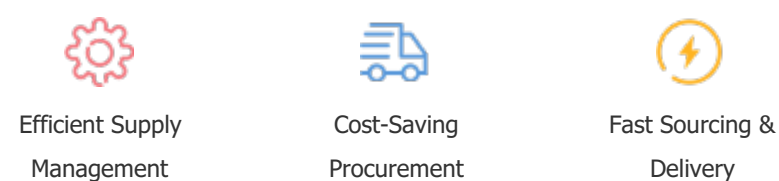
Payment Support

The payment method can be chosen from the methods shown below:

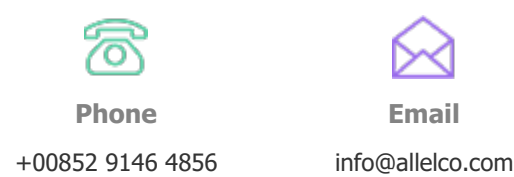
Wire Transfer (T/T, Bank Transfer), Western Union, Credit card, PayPal.



Your Faithful Supply Chain Partner -



Contact us if you have any questions.



Certifications & Memberships



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