



Image may be representation.
See specifications for product details.



MC34166T

Manufacturer Part Number	MC34166T
Manufacturer	onsemi
Allelco Part Number	32D-MC34166T
ECAD Model	Request Free CAD Models
Parts Description	IC REG BUCK BST ADJ 3.3A TO220-5
Package	TO-220-5
Data sheet	MC34166, 33166.pdf MC34166, 33166.pdf

Get a Quote

MC34166T - onsemi.New Original in Stock. Download Linear Technology MC34166T datasheet/specifications on AllelcoElec.com.
Request a quote for MC34166T, please send us email: info@allelco.com

Specifications

MC34166T Tech Specifications
MC34166T - onsemi technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	onsemi	Package	Tube
Voltage - Output (Min/Fixed)	5.05V	Output Type	Adjustable
Voltage - Output (Max)	40V (Switch)	Output Configuration	Positive or Negative
Voltage - Input (Min)	7.5V	Operating Temperature	0°C ~ 70°C (TA)
Voltage - Input (Max)	40V	Number of Outputs	1
Topology	Buck, Boost	Mounting Type	Through Hole
Synchronous Rectifier	No	Function	Step-Up, Step-Down
Supplier Device Package	TO-220-5	Frequency - Switching	72kHz
Series	-	Current - Output	3.3A (Switch)
Package / Case	TO-220-5	Base Product Number	MC34166

Parts with Similar Specifications

The three parts on the right have similar specifications to onsemi MC34166T

Product Attribute				
Part Number	MC34166T	MC34166TVG	MC34166D2TR4G	MC34166TG
Manufacturer	onsemi	onsemi	onsemi	onsemi
Output Configuration	Positive or Negative	Positive or Negative	Positive or Negative	Positive or Negative
Frequency - Switching	72kHz	72kHz	72kHz	72kHz
Operating Temperature	0°C ~ 70°C (TA)	0°C ~ 70°C (TA)	0°C ~ 70°C (TA)	0°C ~ 70°C (TA)
Output Type	Adjustable	Adjustable	Adjustable	Adjustable
Package	Tube	Tube	Tape & Reel (TR)	Tube
Synchronous Rectifier	No	No	No	No
Number of Outputs	1	1	1	1
Series	-	-	-	-
Package / Case	TO-220-5	TO-220-5 Formed Leads	TO-263-6, D ² Pak (5 Leads + Tab), TO-263BA	TO-220-5
Supplier Device Package	TO-220-5	TO-220-5	D2PAK-5	TO-220-5
Current - Output	3.3A (Switch)	3.3A (Switch)	3.3A (Switch)	3.3A (Switch)
Voltage - Output (Min/Fixed)	5.05V	5.05V	5.05V	5.05V
Voltage - Input (Min)	7.5V	7.5V	7.5V	7.5V
Function	Step-Up, Step-Down	Step-Up, Step-Down	Step-Up, Step-Down	Step-Up, Step-Down
Base Product Number	MC34166	MC34166	MC34166	MC34166
Voltage - Input (Max)	40V	40V	40V	40V
Topology	Buck, Boost	Buck, Boost	Buck, Boost	Buck, Boost
Mounting Type	Through Hole	Through Hole	Surface Mount	Through Hole
Voltage - Output (Max)	40V (Switch)	40V (Switch)	40V (Switch)	40V (Switch)

MC34166T Datasheet PDF

Download MC34166T pdf datasheets and onsemi documentation for MC34166T - onsemi.

Datasheets

[MC34166, 33166.pdf](#)

Environmental Information



















[onsemi RoHS.pdf](#)

PCN Obsolescence/ EOL

HTML Datasheet

Customers Also Interested in

Recommended Products

 MC34166TVG onsemi IC REG BUCK BST ADJ 3.3A TO220-5	 MC34166D2TR4G onsemi IC REG BUCK BST ADJ 3.3A D2PAK	 MC34166TG onsemi IC REG BUCK BST ADJ 3.3A TO220-5	 MC34167D2T onsemi IC REG BUCK BST ADJ 5.5A D2PAK-5	 MC34166THG onsemi IC REG BUCK BST ADJ 3.3A TO220-5	 MC34167D2TR4G onsemi IC REG BUCK BST ADJ 5.5A D2PAK-5
 MC34164P-5RA onsemi IC SUPERVISOR 1 CHANNEL TO92-3	 MC34164P-5RP onsemi IC SUPERVISOR 1 CHANNEL TO92-3	 MC34164P-5G onsemi IC SUPERVISOR 1 CHANNEL TO92-3	 MC34167T onsemi IC REG BUCK BST ADJ 5.5A TO220-5	 MC34167D2TG onsemi IC REG BUCK BST ADJ 5.5A D2PAK-5	 MC34166TV onsemi IC REG BUCK BST ADJ 3.3A TO220-5
 MC34166D2TG onsemi IC REG BUCK BST ADJ 3.3A D2PAK-5	 MC34164P-5RPG onsemi IC SUPERVISOR 1 CHANNEL TO92-3	 MC34166D2TR4 onsemi IC REG BUCK BST ADJ 3.3A D2PAK-5	 MC34166D2T onsemi IC REG BUCK BST ADJ 3.3A D2PAK-5	 MC34166TH onsemi IC REG BUCK BST ADJ 3.3A TO220-5	 MC34164P-5 MOTOROLA

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



View More

Contact us

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