

Image may be representation.
See specifications for product details.



MC33886VWR2

Manufacturer Part Number	MC33886VWR2
Manufacturer	Freescale Semiconductor, Inc. (NXP Semiconductors)
Allelco Part Number	32D-MC33886VWR2
ECAD Model	Request Free CAD Models
Parts Description	STEPPER MOTOR CONTROLLER
Package	20-SOIC (0.433", 11.00mm Width) Exposed Pad
Data sheet	MC33886VWR2.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

MC33886VWR2 - Freescale Semiconductor. New Original in Stock. Download Linear Technology MC33886VWR2 datasheet/specifications on AllelcoElec.com. Request a quote for MC33886VWR2, please send us email: info@allelco.com

Specifications

MC33886VWR2 Tech Specifications
MC33886VWR2 - Freescale Semiconductor technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Freescale Semiconductor, Inc. (NXP Semiconductors)	Operating Temperature	-40°C ~ 150°C (TJ)
Voltage - Supply	5V ~ 40V	Mounting Type	Surface Mount
Voltage - Load	5V ~ 40V	Motor Type - Stepper	-
Technology	CMOS	Motor Type - AC, DC	Brushed DC
Supplier Device Package	20-HSOP	Interface	Parallel
Step Resolution	-	Function	Driver - Fully Integrated, Control and Power Stage
Series	-	Current - Output	5A
Package / Case	20-SOIC (0.433", 11.00mm Width) Exposed Pad	Base Product Number	MC33886
Package	Bulk	Applications	General Purpose
Output Configuration	Half Bridge (2)		

Parts with Similar Specifications

The three parts on the right have similar specifications to Freescale Semiconductor MC33886VWR2

Product Attribute				
Part Number	MC33886VWR2	MC33887APVWR2	MC33887PNBR2	MC33886PVW
Manufacturer	Freescale Semiconductor	NXP USA Inc.	NXP USA Inc.	NXP USA Inc.
Motor Type - Stepper	-	-	-	-
Applications	General Purpose	General Purpose	General Purpose	General Purpose
Operating Temperature	-40°C ~ 150°C (TJ)	-40°C ~ 150°C (TJ)	-40°C ~ 150°C (TJ)	-40°C ~ 150°C (TJ)
Series	-	-	-	-
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Interface	Parallel	Parallel	Parallel	Parallel
Motor Type - AC, DC	Brushed DC	Brushed DC	Brushed DC	Brushed DC
Voltage - Supply	5V ~ 40V	5V ~ 28V	5V ~ 28V	5V ~ 40V
Package	Bulk	Tape & Reel (TR)	Tape & Reel (TR)	Tube
Current - Output	5A	5A	5A	5A
Technology	CMOS	Power MOSFET	Power MOSFET	CMOS
Output Configuration	Half Bridge (2)	Half Bridge (2)	Half Bridge (2)	Half Bridge (2)
Step Resolution	-	-	-	-
Function	Driver - Fully Integrated, Control and Power Stage	Driver - Fully Integrated, Control and Power Stage	Driver - Fully Integrated, Control and Power Stage	Driver - Fully Integrated, Control and Power Stage
Voltage - Load	5V ~ 40V	5V ~ 28V	5V ~ 28V	5V ~ 40V
Base Product Number	MC33886	MC33887	MC33887	MC33886
Package / Case	20-SOIC (0.433", 11.00mm Width) Exposed Pad	20-SOIC (0.433", 11.00mm Width) Exposed Pad	36-PowerQFN	20-SOIC (0.433", 11.00mm Width) Exposed Pad
Supplier Device Package	20-HSOP	20-HSOP	36-PWR QFN (9x9)	20-HSOP

Customers Also Interested in

Recommended Products



MC33884DW

NXP USA Inc.
IC INTERFACE SPECIALIZED 24SOIC



MC33883HEG

NXP USA Inc.
IC GATE DRVR HALF-BRIDGE 20SOIC



MC33882VW

NXP USA Inc.
IC PWR SWITCH N-CHAN 1:1 30HSOP



MC33887APVWR2

NXP USA Inc.
IC MOTOR DRIVER 5V-28V 20HSOP



MC33887PNBR2

NXP USA Inc.
IC MOTOR DRIVER 5V-28V 36PQFN



MC33886PVW

NXP USA Inc.
IC MOTOR DRIVER 5V-40V 20HSOP



MC33886VWNXP USA Inc.
IC MOTOR DRIVER PAR 20HSOP**MC33883DW**NXP USA Inc.
IC GATE DRVR HALF-BRIDGE
20SOIC**MC33883HEGR2**NXP USA Inc.
IC GATE DRVR HALF-BRIDGE
20SOIC**MC33888FB**NXP USA Inc.
IC PWR SWITCH N-CHANNEL
64PQFP**MC33887PEKR2**NXP USA Inc.
IC MOTOR DRIVER 5V-28V 54SOIC**MC33887PEKR2**Freescale Semiconductor
IC MOTOR DRIVER PAR 54SOIC**MC33887PEK**NXP USA Inc.
IC MOTOR DRIVER 5V-28V 54SOIC**MC33886PVWR2**NXP USA Inc.
IC MOTOR DRIVER 5V-40V 20HSOP**MC33886VWR2**NXP USA Inc.
IC MOTOR DRIVER 5V-40V 20HSOP**MC33887APVW**NXP USA Inc.
IC MOTOR DRIVER 5V-28V 20HSOP**MC33887PNB**NXP USA Inc.
IC MOTOR DRIVER 5V-28V 36PQFN**MC33886DH**NXP USA Inc.
IC MOTOR DRIVER 5V-40V 20HSOP

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

Contact us if you have any questions.

 Phone
+00852 9146 4856
 Email
info@allelco.com

Certifications & Memberships



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WWW.ALLELCOELEC.COM

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

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