



Image may be representation.
See specifications for product details.



MC33887PNB

Manufacturer Part Number	MC33887PNB
Manufacturer	NXP Semiconductors
Allelco Part Number	32D-MC33887PNB
ECAD Model	Request Free CAD Models
Parts Description	IC MOTOR DRIVER 5V-28V 36PQFN
Package	36-PowerQFN
Data sheet	Cylindrical Battery Holders.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

MC33887PNB - NXP USA Inc..New Original in Stock. Download Linear Technology MC33887PNB datasheet/specifications on AllelcoElec.com.
Request a quote for MC33887PNB, please send us email: info@allelco.com

Specifications

MC33887PNB Tech Specifications

MC33887PNB - NXP USA Inc. technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	NXP Semiconductors	Operating Temperature	-40°C ~ 150°C (TJ)
Voltage - Supply	5V ~ 28V	Mounting Type	Surface Mount
Voltage - Load	5V ~ 28V	Motor Type - Stepper	-
Technology	Power MOSFET	Motor Type - AC, DC	Brushed DC
Supplier Device Package	36-PWR QFN (9x9)	Interface	Parallel
Step Resolution	-	Function	Driver - Fully Integrated, Control and Power Stage
Series	-	Current - Output	5A
Package / Case	36-PowerQFN	Base Product Number	MC33887
Package	Tray	Applications	General Purpose
Output Configuration	Half Bridge (2)		

Parts with Similar Specifications

The three parts on the right have similar specifications to NXP USA Inc. MC33887PNB

Product Attribute				
Part Number	MC33887PNB	MC33886VW	MC33887APVWR2	MC33887PEKR2
Manufacturer	NXP USA Inc.	NXP USA Inc.	NXP USA Inc.	Freescale Semiconductor
Series	-	-	-	-
Output Configuration	Half Bridge (2)	-	Half Bridge (2)	Half Bridge (2)
Package / Case	36-PowerQFN	-	20-SOIC (0.433', 11.00mm Width) Exposed Pad	54-SSOP (0.295", 7.50mm Width) Exposed Pad
Voltage - Load	5V ~ 28V	-	5V ~ 28V	5V ~ 28V
Motor Type - AC, DC	Brushed DC	-	Brushed DC	Brushed DC
Voltage - Supply	5V ~ 28V	-	5V ~ 28V	5V ~ 28V
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Applications	General Purpose	-	General Purpose	General Purpose
Step Resolution	-	Brushed DC	-	-
Technology	Power MOSFET	CMOS	Power MOSFET	Power MOSFET
Current - Output	5A	-	5A	5A
Package	Tray	-	Tape & Reel (TR)	Bulk
Interface	Parallel	Parallel	Parallel	Parallel
Function	Driver - Fully Integrated, Control and Power Stage	-	Driver - Fully Integrated, Control and Power Stage	Driver - Fully Integrated, Control and Power Stage
Motor Type - Stepper	-	-	-	-
Base Product Number	MC33887	-	MC33887	MC33887
Supplier Device Package	36-PWR QFN (9x9)	-	20-HSOP	54-SOIC-EP
Operating Temperature	-40°C ~ 150°C (TJ)	-40°C ~ 150°C (TJ)	-40°C ~ 150°C (TJ)	-40°C ~ 150°C (TJ)

MC33887PNB Datasheet PDF

Download MC33887PNB pdf datasheets and NXP USA Inc. documentation for MC33887PNB - NXP USA Inc..

Datasheets

Cylindrical Battery Holders.pdf

PCN Packaging

2.73KHz.pdf









Environmental Information

NXP USA Inc REACH.pdf

NXP USA Inc RoHS Cert.pdf

Customers Also Interested in

Recommended Products

					
MC33888FBR2 NXP USA Inc. IC PWR SWITCH N-CHANNEL 64PQFP	MC33886VW NXP USA Inc. IC MOTOR DRIVER PAR 20HSOP	MC33887APVWR2 NXP USA Inc. IC MOTOR DRIVER 5V-28V 20HSOP	MC33887PEKR2 Freescale Semiconductor IC MOTOR DRIVER PAR 54SOIC	MC33886VWR2 NXP USA Inc. IC MOTOR DRIVER 5V-40V 20HSOP	MC33888FB NXP USA Inc. IC PWR SWITCH N-CHANNEL 64PQFP
					
MC33887PNBR2 NXP USA Inc. IC MOTOR DRIVER 5V-28V 36PQFN	MC33886VWR2 Freescale Semiconductor STEPPER MOTOR CONTROLLER	MC33887APVW NXP USA Inc. IC MOTOR DRIVER 5V-28V 20HSOP	MC33887PEK Freescale Semiconductor H-BRIDGE, BRUSHED DC MOTOR DRIVE	MC33888PNB Freescale / NXP Semiconductors	MC338897AD Freescale / NXP Semiconductors
					
MC33887PEKR2 NXP USA Inc. IC MOTOR DRIVER 5V-28V 54SOIC	MC33887PEK NXP USA Inc. IC MOTOR DRIVER 5V-28V 54SOIC	MC33897CTEF NXP USA Inc. IC TRANSCEIVER HALF 1/1 14SOIC	MC33889DPEGR2 NXP USA Inc. IC INTERFACE SPECIALIZED 28SOIC	MC33897AEFR2 NXP USA Inc. IC TRANSCEIVER HALF 1/1 14SOIC	MC33886PVWR2 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



[View More](#)