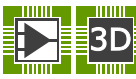




Image may be representation.  
See specifications for product details.

## MCP8024-H/MP

Manufacturer Part Number	<b>MCP8024-H/MP</b>
Manufacturer	<b>Microchip Technology</b>
Allelco Part Number	32D-MCP8024-H/MP
ECAD Model	 PCB Symbol, Footprint & 3D Mode
Parts Description	IC MOTOR DRIVER 6V-28V 40QFN
Package	40-VFQFN Exposed Pad
Data sheet	<a href="#">Cylindrical Battery Holders.pdf</a>
RoHs Status	 ROHS3 Compliant

Get a Quote



MCP8024-H/MP - Microchip Technology. New Original in Stock. Download Linear Technology MCP8024-H/MP datasheet/specifications on AllelcoElec.com.  
Request a quote for MCP8024-H/MP, please send us email: [info@allelco.com](mailto:info@allelco.com)

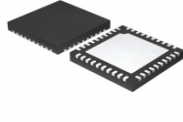

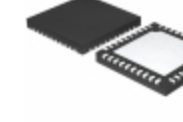
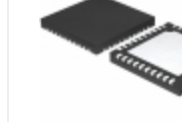
### Specifications

MCP8024-H/MP Tech Specifications  
MCP8024-H/MP - Microchip Technology technical specifications, attributes, parameters

Product Attribute	Attribute Value
Manufacturer	Microchip Technology
Voltage - Supply	6V ~ 28V
Voltage - Load	-
Technology	Power MOSFET
Supplier Device Package	40-QFN (5x5)
Step Resolution	-
Series	-
Package / Case	40-VFQFN Exposed Pad
Package	Tube
Output Configuration	Pre-Driver - Half Bridge (3)
Operating Temperature	-40°C ~ 150°C (TA)
Mounting Type	Surface Mount
Motor Type - Stepper	-
Motor Type - AC, DC	Brushless DC (BLDC)
Interface	PWM
Function	Controller - Commutation, Direction Management
Current - Output	-
Base Product Number	MCP8024
Applications	General Purpose

### Parts with Similar Specifications


The three parts on the right have similar specifications to Microchip Technology MCP8024-H/MP

Product Attribute				
Part Number	MCP8024-H/MP	<b>MCP8026-115E/PT</b>	<b>MCP8026-115E/MP</b>	<b>MCP8025-115E/MP</b>
Manufacturer	Microchip Technology	Microchip Technology	Microchip Technology	Microchip Technology
Voltage - Supply	6V ~ 28V	6V ~ 28V	6V ~ 28V	6V ~ 19V
Package / Case	40-VFQFN Exposed Pad	48-TQFP Exposed Pad	40-VFQFN Exposed Pad	40-VFQFN Exposed Pad
Motor Type - Stepper	-	-	-	-
Operating Temperature	-40°C ~ 150°C (TA)	-40°C ~ 150°C (TA)	-40°C ~ 150°C (TA)	-40°C ~ 150°C (TA)
Applications	General Purpose	General Purpose	General Purpose	General Purpose
Voltage - Load	-	-	-	-
Step Resolution	-	-	-	-
Current - Output	-	-	-	-
Package	Tube	Tray	Tube	Tube
Motor Type - AC, DC	Brushless DC (BLDC)	Brushless DC (BLDC)	Brushless DC (BLDC)	Brushless DC (BLDC)
Interface	PWM	PWM	PWM	PWM
Technology	Power MOSFET	NMOS, PMOS	NMOS, PMOS	NMOS, PMOS
Supplier Device Package	40-QFN (5x5)	48-TQFP-EP (7x7)	40-QFN (5x5)	40-QFN (5x5)
Output Configuration	Pre-Driver - Half Bridge (3)	Pre-Driver - Half Bridge (3)	Pre-Driver - Half Bridge (3)	Pre-Driver - Half Bridge (3)
Series	-	-	-	Automotive, AEC-Q100
Base Product Number	MCP8024	MCP8026	MCP8026	MCP8025
Function	Controller - Commutation, Direction Management	Controller - Commutation, Direction Management	Controller - Commutation, Direction Management	Controller - Commutation, Direction Management
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount

### MCP8024-H/MP Datasheet PDF

Download MCP8024-H/MP pdf datasheets and Microchip Technology documentation for MCP8024-H/MP - Microchip Technology.


#### Datasheets


Cylindrical Battery Holders.pdf

#### PCN Packaging







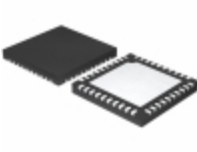


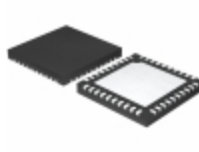
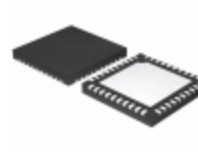



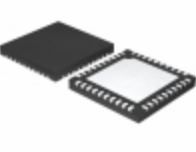
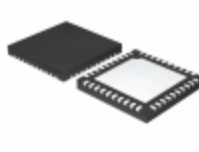
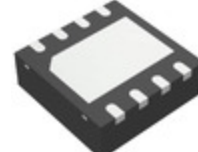


2.73KHz.pdf

#### PCN Design/Specification


Cylindrical Battery Holders.pdf

## Customers Also Interested in

### Recommended Products

 <b>MCP8026-115E/PT</b> Microchip Technology IC MOTOR DRIVER 6V-28V 48TQFP	 <b>MCP795W10-I/SL</b> Microchip Technology IC RTC CLK/CALENDAR SPI 14SOIC	 <b>MCP79520-I/MS</b> Microchip Technology IC RTC CLK/CALENDAR SPI 10MSOP	 <b>MCP79SLI-B2</b> NVIDIA	 <b>MCP79MH-B3</b> NVIDIA	 <b>MCP79MH-B2</b> NVIDIA
 <b>MCP8026-115E/MP</b> Microchip Technology IC MOTOR DRIVER 6V-28V 40QFN	 <b>MCP795W20-I/SL</b> Microchip Technology IC RTC CLK/CALENDAR SPI 14SOIC	 <b>MCP79MVL-B3</b> NVIDIA	 <b>MCP8025-115E/MP</b> Microchip Technology IC MOTOR DRIVER 6V-19V 40QFN	 <b>MCP8026-115H/MP</b> Microchip Technology IC MOTOR DRIVER 6V-28V 40QFN	 <b>MCP79520T-I/MS</b> Microchip Technology IC RTC CLK/CALENDAR SPI 10MSOP
 <b>MCP809M3-2.63</b> NS	 <b>MCP8023-H/PT</b> Micrel / Microchip Technology	 <b>MCP8025A-115E/MP</b> Microchip Technology IC MOTOR DRIVER 6V-19V 40QFN	 <b>MCP8025T-115H/MP</b> Microchip Technology IC MOTOR DRIVER 6V-19V 40QFN	 <b>MCP8063-E/MD</b> Microchip Technology IC MOTOR DRIVER 2V-14V 8DFN	 <b>MCP8024-H/PT</b> Microchip Technology IC MOTOR DRIVER 6V-28V 48TQFP

## 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

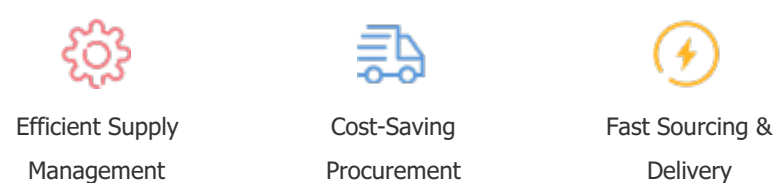
**Note:** The above table is for reference only. There may have some data bias for the uncontrollable factors.  
Contact us if you have any questions.

### Payment Support

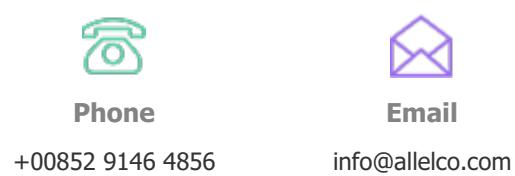
The payment method can be chosen from the methods shown below:  
Wire Transfer (T/T, Bank Transfer), Western Union, Credit card, PayPal.



### Your Faithful Supply Chain Partner -



Contact us if you have any questions.



### Certifications & Memberships



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