



Image may be representation.
See specifications for product details.



ATA6824C-MFHW

Manufacturer Part Number	ATA6824C-MFHW
Manufacturer	Microchip Technology
Allelco Part Number	32D-ATA6824C-MFHW
ECAD Model	Request Free CAD Models
Parts Description	IC MOTOR DRVR 6.5V-22.7V 32TQFP
Package	32-TQFP Exposed Pad
Data sheet	ATA6824C-MFHW.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

ATA6824C-MFHW - Microchip Technology. New Original in Stock. Download Linear Technology ATA6824C-MFHW datasheet/specifications on AllelcoElec.com.
Request a quote for ATA6824C-MFHW, please send us email: info@allelco.com

Specifications

ATA6824C-MFHW Tech Specifications
ATA6824C-MFHW - Microchip Technology technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Microchip Technology	Operating Temperature	-40°C ~ 150°C (TA)
Voltage - Supply	6.5V ~ 22.7V	Mounting Type	Surface Mount
Voltage - Load	-	Motor Type - Stepper	-
Technology	Power MOSFET	Motor Type - AC, DC	Brushed DC
Supplier Device Package	32-TPQFP (7x7)	Interface	Serial
Step Resolution	-	Function	Controller - Commutation, Direction Management
Series	Automotive, AEC-Q100	Current - Output	-
Package / Case	32-TQFP Exposed Pad	Base Product Number	ATA6824
Package	Tape & Reel (TR)	Applications	Automotive
Output Configuration	Pre-Driver - Half Bridge (2)		

Parts with Similar Specifications

The three parts on the right have similar specifications to Microchip Technology ATA6824C-MFHW

Product Attribute				
Part Number	ATA6824C-MFHW	ATA6823C-PHQW	ATA6824C-MFHW-1	ATA6823C-PHQW-1
Manufacturer	Microchip Technology	Microchip Technology	Microchip Technology	Microchip Technology
Supplier Device Package	32-TPQFP (7x7)	32-QFN (7x7)	32-TPQFP (7x7)	32-QFN (7x7)
Motor Type - Stepper	-	-	-	-
Package / Case	32-TQFP Exposed Pad	32-VQFN Exposed Pad	32-TQFP Exposed Pad	32-VQFN Exposed Pad
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)
Applications	Automotive	General Purpose	Automotive	General Purpose
Motor Type - AC, DC	Brushed DC	Brushed DC	Brushed DC	Brushed DC
Current - Output	-	-	-	-
Voltage - Supply	6.5V ~ 22.7V	6.5V ~ 22.7V	6.5V ~ 22.7V	6.5V ~ 22.7V
Operating Temperature	-40°C ~ 150°C (TA)	-40°C ~ 125°C (TA)	-40°C ~ 150°C (TA)	-40°C ~ 125°C (TA)
Voltage - Load	-	-	-	-
Technology	Power MOSFET	Power MOSFET	Power MOSFET	Power MOSFET
Step Resolution	-	-	-	-
Interface	Serial	LIN, PWM	Serial	LIN, PWM
Series	Automotive, AEC-Q100	-	Automotive, AEC-Q100	-
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Base Product Number	ATA6824	ATA6823	ATA6824	ATA6823
Output Configuration	Pre-Driver - Half Bridge (2)	Pre-Driver - Half Bridge (2)	Pre-Driver - Half Bridge (2)	Pre-Driver - Half Bridge (2)
Function	Controller - Commutation, Direction Management	Controller - Commutation, Direction Management	Controller - Commutation, Direction Management	Controller - Commutation, Direction Management

ATA6824C-MFHW Datasheet PDF

Download ATA6824C-MFHW pdf datasheets and Microchip Technology documentation for ATA6824C-MFHW - Microchip Technology.

PCN Packaging

MBB/Label Chgs 16/Nov/2018.pdf





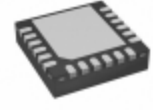
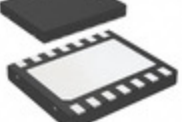



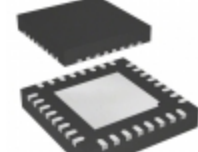



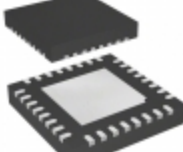

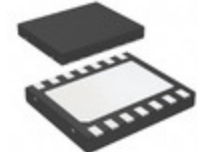


Transfer to Microchip/Label/Pkg 5/Sep/2016.pdf

PCN Obsolescence/ EOL

Alternate Subcontractor 01/Sep/2014.pdf

Customers Also Interested in

Recommended Products

					
ATA6826C-TUQY Atmel (Microchip Technology)	ATA6824C Atmel (Microchip Technology)	ATA6831C Atmel (Microchip Technology)	ATA6826-TUQY Microchip Technology IC HALF BRIDGE DRIVER 1A 14SOIC	ATA6831C-PIQW Microchip Technology IC HALF BRIDGE DRIVER 1A 18VQFN	ATA6670-FFQW Microchip Technology IC TRANSCEIVER HALF 2/2 14VDFN
					
ATA6826C-TUQY-66 Microchip Technology IC HALF BRIDGE DRIVER 1A 14SOIC	ATA6824 Atmel (Microchip Technology)	ATA6664-GAQW Microchip Technology IC TRANSCEIVER HALF 1/1 8SO	ATA6823C-PHQW Microchip Technology IC MOTOR DRIVER 6.5V-22.7V 32QFN	ATA6664 Atmel (Microchip Technology)	ATA6824C-MFHW-1 Microchip Technology IC MOTOR DRVR 6.5V-22.7V 32TQFP
					
ATA6826C Atmel (Microchip Technology)	ATA6823C-PHQW-1 Microchip Technology IC MOTOR DRIVER 6.5V-22.7V 32QFN	ATA6829-T3QY Atmel (Microchip Technology)	ATA6670-FFQW-1 Microchip Technology IC TRANSCEIVER HALF 2/2 14VDFN	ATA6664-TAQY Microchip Technology IC TRANSCEIVER HALF 1/1 8SO	ATA6829 Atmel (Microchip Technology)

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](#)

 **ALLELCO LIMITED**
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

Copyright © 2012-2023 AllelcoElec.com. All rights reserved.