



Image may be representation.
See specifications for product details.



M24C16-DFCU6TP/K

Manufacturer Part Number	M24C16-DFCU6TP/K
Manufacturer	STMicroelectronics
Allelco Part Number	32D-M24C16-DFCU6TP/K
ECAD Model	PCB Symbol, Footprint & 3D Mode
Parts Description	IC EEPROM 16KBIT I2C 1MHZ 4WLCSP
Package	4-XFBGA, WLCSP
Data sheet	M24C16-DFCU6TP/K.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

M24C16-DFCU6TP/K - STMicroelectronics.New Original in Stock. Download Linear Technology M24C16-DFCU6TP/K datasheet/specifications on AllelcoElec.com.
Request a quote for M24C16-DFCU6TP/K, please send us email: info@allelco.com

Specifications

M24C16-DFCU6TP/K Tech Specifications
M24C16-DFCU6TP/K - STMicroelectronics technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	STMicroelectronics	Mounting Type	Surface Mount
Write Cycle Time - Word, Page	5ms	Memory Type	Non-Volatile
Voltage - Supply	1.7V ~ 5.5V	Memory Size	16Kbit
Technology	EEPROM	Memory Organization	2K x 8
Supplier Device Package	4-WLCSP	Memory Interface	I ² C
Series	-	Memory Format	EEPROM
Package / Case	4-XFBGA, WLCSP	Clock Frequency	1 MHz
Package	Tape & Reel (TR)	Base Product Number	M24C16
Operating Temperature	-40°C ~ 85°C (TA)	Access Time	450 ns

Parts with Similar Specifications

The three parts on the right have similar specifications to STMicroelectronics M24C16-DFCU6TP/K

Product Attribute				
Part Number	M24C16-DFCU6TP/K	M24C16-FMN6TP	M24C16-FMH6TG	M24C16-BN6
Manufacturer	STMicroelectronics	STMicroelectronics	STMicroelectronics	STMicroelectronics
Base Product Number	M24C16	M24C16	M24C16	M24C16
Memory Organization	2K x 8	2K x 8	2K x 8	2K x 8
Series	-	-	-	-
Memory Interface	I ² C	I ² C	I ² C	I ² C
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Through Hole
Supplier Device Package	4-WLCSP	8-SOIC	5-UDFPN (1.7x1.4)	8-PDIP
Clock Frequency	1 MHz	400 kHz	400 kHz	400 kHz
Voltage - Supply	1.7V ~ 5.5V	1.7V ~ 5.5V	1.7V ~ 5.5V	4.5V ~ 5.5V
Memory Type	Non-Volatile	Non-Volatile	Non-Volatile	Non-Volatile
Package / Case	4-XFBGA, WLCSP	8-SOIC (0.154', 3.90mm Width)	5-UDFN	8-DIP (0.300', 7.62mm)
Access Time	450 ns	900 ns	900 ns	900 ns
Memory Size	16Kbit	16Kbit	16Kbit	16Kbit
Memory Format	EEPROM	EEPROM	EEPROM	EEPROM
Write Cycle Time - Word, Page	5ms	5ms	5ms	5ms
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)	Tube
Operating Temperature	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)
Technology	EEPROM	EEPROM	EEPROM	EEPROM

M24C16-DFCU6TP/K Datasheet PDF

Download M24C16-DFCU6TP/K pdf datasheets and STMicroelectronics documentation for M24C16-DFCU6TP/K - STMicroelectronics.

PCN Packaging

Mult Dev Pkg Chgs 29/Sep/2021.pdf

Mult Device Pkg Update 16/Jun/2017.pdf

PCN Assembly/Origin

2.73KHz.pdf

Customers Also Interested in

Recommended Products



M24C128-BRDW6T/P

STMicroelectronics

M24C16-FMN6TP

STMicroelectronics
IC EEPROM 16KBIT I2C 8SOIC

M24C16-FMH6TG

STMicroelectronics
IC EEPROM 16KBIT I2C 5UFDFPN

M24C08RMN6TP

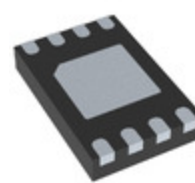
STMicroelectronics

M24C16-BN6

STMicroelectronics
IC EEPROM 16KBIT I2C 400KHZ 8DIP

M24C16-DRMN3TP/K

STMicroelectronics
IC EEPROM 16KBIT I2C 1MHZ 8SOIC



M24C08WP

STMicroelectronics

M24C16-DRDW8TP/K

STMicroelectronics
IC EEPROM 16KBIT I2C 1MHZ 8TSSOP

M24C16

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M24C08WMN6T

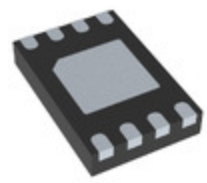
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M24C16-DRMN3TP

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M24C16-FMC6TG

STMicroelectronics
IC EEPROM 16KBIT I2C 8UFDFPN



M24C16-FMC5TG

STMicroelectronics
IC EEPROM 16KBIT I2C 8UFDFPN

M24C16-DRDW3TP

STMicroelectronics

M24C16-DRMF3TG/K

STMicroelectronics
IC EEPROM 16KBIT I2C 1MHZ 8MLP

M24C08MN6T

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M24C16-FDW6TP

STMicroelectronics
IC EEPROM 16KBIT I2C 8TSSOP

M24C08FCT6TP/T

STMicroelectronics

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.

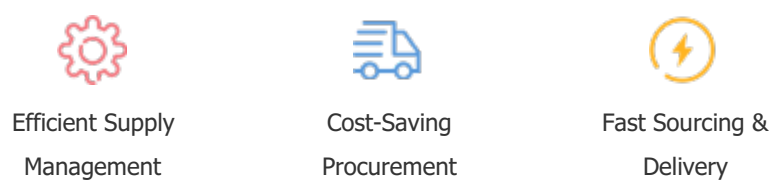
Contact us if you have any questions.

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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