

Image may be representation.  
See specifications for product details.



## M34E02-FDW6TP

Manufacturer Part Number	<b>M34E02-FDW6TP</b>
Manufacturer	<b>STMicroelectronics</b>
Allelco Part Number	32D-M34E02-FDW6TP
ECAD Model	PCB Symbol, Footprint & 3D Model
Parts Description	IC EEPROM 2KBIT I2C 8TSSOP
Package	8-TSSOP (0.173", 4.40mm Width)
Data sheet	<b>M34E02(-F).pdf</b>
RoHs Status	<b>ROHS3 Compliant</b>

**Get a Quote**

M34E02-FDW6TP - STMicroelectronics. New Original in Stock. Download Linear Technology M34E02-FDW6TP datasheet/specifications on AllelcoElec.com.  
Request a quote for M34E02-FDW6TP, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

M34E02-FDW6TP Tech Specifications

M34E02-FDW6TP - 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	2Kbit
Technology	EEPROM	Memory Organization	256 x 8
Supplier Device Package	8-TSSOP	Memory Interface	I <sup>2</sup> C
Series	-	Memory Format	EEPROM
Package / Case	8-TSSOP (0.173", 4.40mm Width)	Clock Frequency	400 kHz
Package	Tape & Reel (TR)	Base Product Number	M34E02
Operating Temperature	-40°C ~ 85°C (TA)	Access Time	900 ns

### Parts with Similar Specifications

The three parts on the right have similar specifications to STMicroelectronics M34E02-FDW6TP

Product Attribute				
Part Number	M34E02-FDW6TP	M34E02-FMB1TG	M34E04-FMC9TG	M34D64-WMN6P
Manufacturer	STMicroelectronics	STMicroelectronics	STMicroelectronics	STMicroelectronics
Access Time	900 ns	900 ns	-	900 ns
Memory Format	EEPROM	EEPROM	EEPROM	EEPROM
Technology	EEPROM	EEPROM	EEPROM	EEPROM
Memory Interface	I <sup>2</sup> C	I <sup>2</sup> C	I <sup>2</sup> C	I <sup>2</sup> C
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)	Tube
Memory Organization	256 x 8	256 x 8	512 x 8	8K x 8
Series	-	-	-	-
Voltage - Supply	1.7V ~ 5.5V	1.7V ~ 3.6V	1.7V ~ 3.6V	2.5V ~ 5.5V
Memory Type	Non-Volatile	Non-Volatile	Non-Volatile	Non-Volatile
Operating Temperature	-40°C ~ 85°C (TA)	0°C ~ 70°C (TA)	0°C ~ 95°C (TA)	-40°C ~ 85°C (TA)
Base Product Number	M34E02	M34E02	M34E04	M34D64
Package / Case	8-TSSOP (0.173", 4.40mm Width)	8-UFDNF Exposed Pad	8-UFDNF Exposed Pad	8-SOIC (0.154", 3.90mm Width)
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Memory Size	2Kbit	2Kbit	4Kbit	64Kbit
Write Cycle Time - Word, Page	5ms	5ms	5ms	5ms
Clock Frequency	400 kHz	400 kHz	1 MHz	400 kHz
Supplier Device Package	8-TSSOP	8-UFDNFPN (2x3)	8-UFDNFPN (2x3)	8-SOIC

### M34E02-FDW6TP Datasheet PDF

Download M34E02-FDW6TP pdf datasheets and STMicroelectronics documentation for M34E02-FDW6TP - STMicroelectronics.

#### PCN Packaging

Moisture Barrier Bag 09/May/2016.pdf

Mult Dev Inner Pkg Chg 30/Oct/2019.pdf

#### PCN Assembly/Origin

Mult Dev Assembly/Test Add 9/Jul/2019.pdf

#### HTML Datasheet

M34E02(-F).pdf

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## Recommended Products



**M34E02-FMB1TG**

STMicroelectronics  
IC EEPROM 2KBIT I2C 8UFDFPN



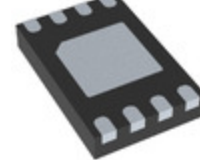
**M34D64W6**

STMicroelectronics



**M34S75C4F1**

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**M34E04-FMC9TG**

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IC EEPROM 4KBIT I2C 1MHZ  
8UFDFPN



**M34D64-WMN6P**

STMicroelectronics  
IC EEPROM 64KBIT I2C 8SOIC



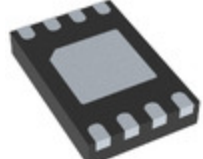
**M34HS01-DW1TP**

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**M34D64WMN6T**

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**M34E02-FMC6TG**

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IC EEPROM 2KBIT I2C 8UFDFPN



**M34S75C4F2**

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**M34D64-WMN6T**

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IC EEPROM 64KBIT I2C 8SOIC



**M34C64-FCW6TP**

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**M34C32S-FCU6T/T**

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**M34E02-FMV6TG**

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**M34E02-FDW1TP**

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IC EEPROM 2KBIT I2C 8TSSOP



**M34E02-FMC6TGM**

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**M34C16S-FCU6T/T**

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**M34D64-WMN6TP**

STMicroelectronics  
IC EEPROM 64KBIT I2C 8SOIC



**M34F04-WMN6TP**

STMicroelectronics  
IC EEPROM 4KBIT I2C 400KHZ  
8SOIC

## 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.



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Fast Sourcing &  
Delivery

Contact us if you have any questions.



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