



Image may be representation.
See specifications for product details.



FM24CL16B-G

Manufacturer Part Number	FM24CL16B-G
Manufacturer	Infineon Technologies
Allelco Part Number	32D-FM24CL16B-G
ECAD Model	Request Free CAD Models
Parts Description	IC FRAM 16KBIT I2C 1MHZ 8SOIC
Package	8-SOIC (0.154', 3.90mm Width)
Data sheet	FM24CL16B.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

FM24CL16B-G - Infineon Technologies. New Original in Stock. Download Linear Technology FM24CL16B-G datasheet/specifications on AllelcoElec.com.
Request a quote for FM24CL16B-G, please send us email: info@allelco.com

Specifications

FM24CL16B-G Tech Specifications

FM24CL16B-G - Infineon Technologies technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Infineon Technologies	Mounting Type	Surface Mount
Write Cycle Time - Word, Page	-	Memory Type	Non-Volatile
Voltage - Supply	2.7V ~ 3.6V	Memory Size	16Kbit
Technology	FRAM (Ferroelectric RAM)	Memory Organization	2K x 8
Supplier Device Package	8-SOIC	Memory Interface	I ² C
Series	F-RAM™	Memory Format	FRAM
Package / Case	8-SOIC (0.154', 3.90mm Width)	Clock Frequency	1 MHz
Package	Tube	Base Product Number	FM24CL16
Operating Temperature	-40°C ~ 85°C (TA)	Access Time	550 ns

Parts with Similar Specifications

The three parts on the right have similar specifications to Infineon Technologies FM24CL16B-G

Product Attribute				
Part Number	FM24CL16B-G	FM24CL16B-GTR	FM24CL16-GTR.	FM24CL16-STR
Manufacturer	Infineon Technologies	Infineon Technologies	Ramtron (Cypress Semiconductor)	Ramtron (Cypress Semiconductor)
Memory Interface	I ² C	I ² C	-	-
Supplier Device Package	8-SOIC	8-SOIC	-	-
Memory Format	FRAM	FRAM	-	-
Clock Frequency	1 MHz	1 MHz	-	-
Package / Case	8-SOIC (0.154', 3.90mm Width)	8-SOIC (0.154', 3.90mm Width)	-	-
Operating Temperature	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-	-
Memory Type	Non-Volatile	Non-Volatile	-	-
Package	Tube	Tape & Reel (TR)	-	-
Base Product Number	FM24CL16	FM24CL16	-	-
Series	F-RAM™	F-RAM™	-	-
Access Time	550 ns	550 ns	-	-
Mounting Type	Surface Mount	Surface Mount	-	-
Memory Organization	2K x 8	2K x 8	-	-
Technology	FRAM (Ferroelectric RAM)	FRAM (Ferroelectric RAM)	-	-
Write Cycle Time - Word, Page	-	-	-	-
Memory Size	16Kbit	16Kbit	-	-
Voltage - Supply	2.7V ~ 3.6V	2.7V ~ 3.65V	-	-

FM24CL16B-G Datasheet PDF

Download FM24CL16B-G pdf datasheets and Infineon Technologies documentation for FM24CL16B-G - Infineon Technologies.

Datasheets

[FM24CL16B.pdf](#)

PCN Packaging

[Date Code/Shelf Life Chgs 18/Jul/2019.pdf](#)

[Ship Label REV.pdf](#)

PCN Design/Specification

[Datasheet Update 27/Feb/2014.pdf](#)

[F-FRAM Marking Changes 30/Aug/2013.pdf](#)

PCN Other

2.73KHz.pdf

PCN Assembly/Origin

2.73KHz.pdf

Customers Also Interested in

Recommended Products



FM24CL16-GTR.

Ramtron (Cypress Semiconductor)



FM24CL16-STR

Ramtron (Cypress Semiconductor)



FM24CL16-GTR

Ramtron (Cypress Semiconductor)



FM24CL16B-GTR.

Ramtron (Cypress Semiconductor)



FM24CL16-S

Ramtron (Cypress Semiconductor)



FM24CL16B

Cypress Semiconductor



FM24CL16C-G

Ramtron (Cypress Semiconductor)



NO PICTURE

FM24CL16-DG

CYP/RAMTRON



FM24CL64

Cypress Semiconductor



FM24CL16BG

Ramtron (Cypress Semiconductor)



FM24CL16-S.

Ramtron (Cypress Semiconductor)



FM24CL16B-GTR

Infineon Technologies
IC FRAM 16KBIT I2C 1MHZ 8SOIC



FM24CL16-G.

Ramtron (Cypress Semiconductor)



FM24CL32-G

Ramtron (Cypress Semiconductor)



FM24CL64-G

Ramtron (Cypress Semiconductor)



FM24CL16-STR.

Ramtron (Cypress Semiconductor)



NO PICTURE

FM24CL32-GTR

CYP/RAMTRON



FM24CL16-G

Ramtron (Cypress Semiconductor)

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

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Email

info@allelco.com

Certifications & Memberships



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