



FM24CL16B-G Information



For Reference Only

Part Number FM24CL16B-G

Manufacturer Cypress Semiconductor Corp Category Integrated Circuits (ICs)

Memory

Description IC FRAM 16KBIT 1MHZ 8SOIC **Package** 8-SOIC (0.154", 3.90mm Width)

For the pricing/inventory/lead time, please contact

us

Website: https://www.heisener.com E-mail: salesdept@heisener.com



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FM24CL16B-G Specifications

Manufacturer Part NumberFM24CL16B-GManufacturerCypress Semiconductor CorpCategoryIntegrated Circuits (ICs)MemoryMemoryPackage8-SOIC (0.154", 3.90mm Width)SeriesF-RAM?Memory TypeNon-VolatileMemory FormatFRAMTechnologyFRAM (Ferroelectric RAM)Memory Size16Kb (2K x 8)Memory Interface12CClock Frequency1MHzWrite Cycle Time - Word, Page-Access Time550nsVoltage - Supply2.7 V ~ 3.6 VOperating Temperature-40°C ~ 85°C (TA)Mounting TypeSurface MountPackage / Case8-SOIC (0.154", 3.90mm Width)Supplier Device Package-Report errors?	•	
Category Integrated Circuits (ICs) Memory Package 8-SOIC (0.154", 3.90mm Width) Series F-RAM? Memory Type Non-Volatile Memory Format FRAM Technology FRAM (Ferroelectric RAM) Memory Size 16Kb (2K x 8) Memory Interface 12C Clock Frequency 1MHz Write Cycle Time - Word, Page - Access Time 550ns Voltage - Supply 2.7 V ~ 3.6 V Operating Temperature -40°C ~ 85°C (TA) Mounting Type Surface Mount Package / Case 8-SOIC (0.154", 3.90mm Width) Supplier Device Package 8-SOIC	Manufacturer Part Number	FM24CL16B-G
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Memory Size16Kb (2K x 8)Memory InterfaceI2CClock Frequency1MHzWrite Cycle Time - Word, Page-Access Time550nsVoltage - Supply2.7 V ~ 3.6 VOperating Temperature-40°C ~ 85°C (TA)Mounting TypeSurface MountPackage / Case8-SOIC (0.154", 3.90mm Width)Supplier Device Package8-SOIC	Memory Format	FRAM
Memory InterfaceI2CClock Frequency1MHzWrite Cycle Time - Word, Page-Access Time550nsVoltage - Supply2.7 V ~ 3.6 VOperating Temperature-40°C ~ 85°C (TA)Mounting TypeSurface MountPackage / Case8-SOIC (0.154", 3.90mm Width)Supplier Device Package8-SOIC	Technology	FRAM (Ferroelectric RAM)
Clock Frequency Write Cycle Time - Word, Page - Access Time 550ns Voltage - Supply 2.7 V ~ 3.6 V Operating Temperature -40°C ~ 85°C (TA) Mounting Type Surface Mount Package / Case 8-SOIC (0.154", 3.90mm Width) Supplier Device Package	Memory Size	16Kb (2K x 8)
Write Cycle Time - Word, Page Access Time 550ns Voltage - Supply 2.7 V ~ 3.6 V Operating Temperature -40°C ~ 85°C (TA) Mounting Type Surface Mount Package / Case 8-SOIC (0.154", 3.90mm Width) Supplier Device Package	Memory Interface	I2C
Access Time $550ns$ Voltage - Supply $2.7 \text{ V} \sim 3.6 \text{ V}$ Operating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$ (TA)Mounting TypeSurface MountPackage / Case 8-SOIC (0.154° , 3.90mm Width)Supplier Device Package 8-SOIC	Clock Frequency	1MHz
Voltage - Supply $2.7 \text{ V} \sim 3.6 \text{ V}$ Operating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C (TA)}$ Mounting Type Surface Mount Package / Case $8\text{-SOIC } (0.154'', 3.90 \text{mm Width})$ Supplier Device Package 8-SOIC	Write Cycle Time - Word, Page	-
Operating Temperature-40°C ~ 85°C (TA)Mounting TypeSurface MountPackage / Case8-SOIC (0.154", 3.90mm Width)Supplier Device Package8-SOIC	Access Time	550ns
Mounting Type Surface Mount Package / Case 8-SOIC (0.154", 3.90mm Width) Supplier Device Package 8-SOIC	Voltage - Supply	2.7 V ~ 3.6 V
Package / Case 8-SOIC (0.154", 3.90mm Width) Supplier Device Package 8-SOIC	Operating Temperature	-40°C ~ 85°C (TA)
Supplier Device Package 8-SOIC	Mounting Type	Surface Mount
	Package / Case	8-SOIC (0.154", 3.90mm Width)
Report errors?	Supplier Device Package	8-SOIC
		Report errors?

FM24CL16B-G Guarantees



Quality Guarantees

We provide 90 days warranty. *

If the items you received were not in perfect quality, we would be responsible for your refund or replacement, but the items must be returned in their original condition.



Service Guarantees

We guarantee 100% customer satisfaction.

Our experienced sales team and tech support team back our services to satisfy all our customers.

FM24CL16B-G Payment Methods



















FM24CL16B-G Shipping Methods













If you have any question about FM24CL16B-G, please do not hesitate to contact us!

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