

MCF5407CAI162

MCF5407CAI162 Information

	Part Number	MCF5407CAI162
	Manufacturer	NXP
www.heisener.com	Category	Integrated Circuits Embedded - Microo
	Description	IC MCU 32BIT RO
	Package	208-BFQFP
<u>e</u>		For the pricing/inve
		us

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acturer	NXP
ory	Integrated Circuits (ICs) Embedded - Microcontrollers
ption	IC MCU 32BIT ROMLESS 208FQFP
ge	208-BFQFP
	For the pricing/inventory/lead time, please contact
	us
	Website: https://www.heisener.com
	E-mail: salesdept@heisener.com



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For Reference Only

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MCF5407CAI162 Specifications

ManufacturerNXPCategoryIntegrated Circuits (ICs)Embedded - MicrocontrollersPackage208-BFQFFSeriesMCF540xCore ProcessorColdfire V4Core Size32-BitSpeed162MHzConnectivityEBI/EMI, I2C, UART/USARTNumber of I/O16Program Memory Size-Program Memory TypeROMIessEEPROM Size-Number of Voc/Vdd)1.65 V ~ 3.6 VData Converters-Operating Temperature44°C ~ 85°C (TA)Mounting Type-Package / Case208-BFQFP			
CategoryIntegrated Circuits (ICs)Enhedded - MicrocontrollersPackage208-BFQFPSeriesMCF540xCore ProcessorColdfire V4Core Size32-BitSpeed162MHzConnectivityEBI/EMI, I2C, UART/USARTPeripheralsDMA, WDTNumber of I/O16Program Memory Size-Program Memory TypeROMlessEEPROM Size-Nutage - Supply (Vcc/Vdd)1.65 V ~ 3.6 VData Converters-Operating Temperature+40°C ~ 85°C (TA)Mounting Type-Package / Case208-BFQFP (28x28)Supplier Device Package208-FQFP (28x28)	Manufacturer Part Number	MCF5407CAI162	
IndextedEmbedded - MicrocontrollersPackage208-BFQFPSeriesMCF540xCore ProcessorColdfire V4Core Size32-BitSpeed162MHzConnectivityEBI/EMI, 12C, UART/USARTPeripheralsDMA, WDTNumber of I/O16Program Memory Size-Program Memory TypeROMlessEEPROM Size-RAM Size4K x 8Voltage - Supply (Vcc/Vdd)1.65 V ~ 3.6 VData Converters-Oscillator TypeExternalOperating Temperature4.0°C ~ 85°C (TA)Mounting Type208-BFQFPSupplier Device Package208-FQFP (28x28)	Manufacturer	NXP	
Package208-BFQFPSeriesMCF540xCore ProcessorColdfire V4Core Size32-BitSpeed162MHzConnetivityEBI/EMI, 12C, UART/USARTPeripheralsDMA, WDTNumber of I/O16Program Memory Size-Program Memory TypeROMlessEEPROM Size-Nutage - Supply (Vcc/Vdd)1.65 V ~ 3.6 VData Converters-Oscillator TypeExternalOperating Temperature-Package / Case208-BFQFPSupplier Device Package208-FQFP (28x28)	Category	Integrated Circuits (ICs)	
SeriesMCF540xCore ProcessorColdfire V4Core Size32-BitSpeed162MHzConnectivityEBI/EMI, 12C, UART/USARTPeripheralsDMA, WDTNumber of I/O16Program Memory Size-Program Memory TypeROMlessEEPROM Size-RAM Size4K x 8Voltage - Supply (Vcc/Vdd)1.65 V ~ 3.6 VData Converters-Oscillator TypeExternalOperating Temperature-40°C ~ 85°C (TA)Mounting Type208-BFQFPSupplier Device Package208-FQFP (28x28)		Embedded - Microcontrollers	
Core ProcessorColdfire V4Core Size32-BitSpeed162MHzConnectivityEBI/EMI, 12C, UART/USARTPeripheralsDMA, WDTNumber of I/O16Program Memory Size-Program Memory TypeROMlessEEPROM Size-RAM Size4K x 8Voltage - Supply (Vcc/Vdd)1.65 V ~ 3.6 VData Converters-Oscillator TypeExternalOperating Temperature-Package / Case208-BFQFPSupplier Device Package208-FQFP (28x28)	Package	208-BFQFP	
Core Size32-BitSpeed162MHzConnectivityEBI/EMI, I2C, UART/USARTPeripheralsDMA, WDTNumber of I/O16Program Memory Size-Program Memory TypeROMIessEEPROM Size-RAM Size4K x 8Voltage - Supply (Vcc/Vdd)1.65 V ~ 3.6 VData Converters-Oscillator TypeExternalOperating Temperature-40°C ~ 85°C (TA)Mounting Type08-BFQFPSupplier Device Package208-FQFP (28x28)	Series	MCF540x	
Speed162MHzConnectivityEBI/EMI, 12C, UART/USARTPeripheralsDMA, WDTNumber of I/O16Program Memory Size-Program Memory TypeROMlessEEPROM Size-RAM Size4K x 8Voltage - Supply (Vcc/Vdd)1.65 V ~ 3.6 VData Converters-Oscillator TypeExternalOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case208-BFQFPSupplier Device Package208-FQFP (28x28)	Core Processor	Coldfire V4	
Connectivity EBI/EMI, I2C, UART/USART Peripherals DMA, WDT Number of I/O 16 Program Memory Size - Program Memory Type ROMIess EEPROM Size - RAM Size 4K x 8 Voltage - Supply (Vcc/Vdd) 1.65 V ~ 3.6 V Data Converters - Oscillator Type External Operating Temperature -40°C ~ 85°C (TA) Package / Case 208-BFQFP Supplier Device Package 208-FQFP (28x28)	Core Size	32-Bit	
PeripheralsDMA, WDTNumber of I/O16Program Memory Size-Program Memory TypeROMlessEEPROM Size-RAM Size4K x 8Voltage - Supply (Vcc/Vdd)1.65 V ~ 3.6 VData Converters-Oscillator TypeExternalOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case208-BFQFPSupplier Device Package208-FQFP (28x28)	Speed	162MHz	
Number of I/O 16 Program Memory Size - Program Memory Type ROMless EEPROM Size - RAM Size 4K x 8 Voltage - Supply (Vcc/Vdd) 1.65 V ~ 3.6 V Data Converters - Oscillator Type External Mounting Type -40°C ~ 85°C (TA) Package / Case 208-BFQFP Supplier Device Package 208-FQFP (28x28)	Connectivity	EBI/EMI, I2C, UART/USART	
Program Memory Size-Program Memory TypeROMlessEEPROM Size-RAM Size4K x 8Voltage - Supply (Vcc/Vdd)1.65 V ~ 3.6 VData Converters-Oscillator TypeExternalOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case208-BFQFPSupplier Device Package208-FQFP (28x28)	Peripherals	DMA, WDT	
Program Memory TypeROMlessEEPROM Size-RAM Size4K x 8Voltage - Supply (Vcc/Vdd)1.65 V ~ 3.6 VData Converters-Oscillator TypeExternalOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case208-BFQFPSupplier Device Package208-FQFP (28x28)	Number of I/O	16	
EEPROM Size-RAM Size4K x 8Voltage - Supply (Vcc/Vdd)1.65 V ~ 3.6 VData Converters-Oscillator TypeExternalOperating Temperature-40°C ~ 85°C (TA)Mounting Type208-BFQFPSupplier Device Package208-FQFP (28x28)	Program Memory Size	-	
RAM Size4K x 8Voltage - Supply (Vcc/Vdd)1.65 V ~ 3.6 VData Converters-Oscillator TypeExternalOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case208-BFQFPSupplier Device Package208-FQFP (28x28)	Program Memory Type	ROMless	
Voltage - Supply (Vcc/Vdd)1.65 V ~ 3.6 VData Converters-Oscillator TypeExternalOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case208-BFQFPSupplier Device Package208-FQFP (28x28)	EEPROM Size	-	
Data Converters-Oscillator TypeExternalOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case208-BFQFPSupplier Device Package208-FQFP (28x28)	RAM Size	4K x 8	
Oscillator TypeExternalOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case208-BFQFPSupplier Device Package208-FQFP (28x28)	Voltage - Supply (Vcc/Vdd)	1.65 V ~ 3.6 V	
Operating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case208-BFQFPSupplier Device Package208-FQFP (28x28)	Data Converters	-	
Mounting Type-Package / Case208-BFQFPSupplier Device Package208-FQFP (28x28)	Oscillator Type	External	
Package / Case208-BFQFPSupplier Device Package208-FQFP (28x28)	Operating Temperature	-40°C ~ 85°C (TA)	
Supplier Device Package208-FQFP (28x28)	Mounting Type	-	
	Package / Case	208-BFQFP	
Report errors?	Supplier Device Package	208-FQFP (28x28)	
		Report errors?	

MCF5407CAI162 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 BUARANTEE

Service Guarantees

We guarantee 100% customer satisfaction. Our experienced sales team and tech support team back our services to satisfy all our customers.

MCF5407CAI162 Payment Methods



MCF5407CAI162 Shipping Methods



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