

# 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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