



### MCF5407FT162 Information



For Reference Only

Part Number MCF5407FT162

Manufacturer NXP

Category Integrated Circuits (ICs)

Embedded - Microcontrollers

**Description** IC MCU 32BIT ROMLESS 208FQFP

Package 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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# MCF5407FT162 Specifications

Manufacturer Part Number         MCF5407FT162           Manufacturer         NXP           Category         Integrated Circuits (ICs)           Embedded - Microcontrollers           Package         208-BFQFP           Series         MCF540x           Core Processor         Coldfire V4           Core Size         32-Bit           Speed         162MHz           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         0°C ~ 70°C (TA)           Mounting Type         -           Package / Case         208-BFQFP           Supplier Device Package         208-FQFP (28x28)		
Category         Integrated Circuits (ICs)           Embedded - Microcontrollers           Package         208-BFQFP           Series         MCF540x           Core Processor         Coldfire V4           Core Size         32-Bit           Speed         162MHz           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         0°C ~ 70°C (TA)           Mounting Type         -           Package / Case         208-BQFP           Supplier Device Package         208-FQFP (28x28)	Manufacturer Part Number	MCF5407FT162
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Series         MCF540x           Core Processor         Coldfire V4           Core Size         32-Bit           Speed         162MHz           Connectivity         EBI/EMI, 12C, 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         0°C ~ 70°C (TA)           Mounting Type         -           Package / Case         208-BFQFP           Supplier Device Package         208-FQFP (28x28)		Embedded - Microcontrollers
Core ProcessorColdfire V4Core Size32-BitSpeed162MHzConnectivityEBI/EMI, 12C, 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-Operating Temperature0°C ~ 70°C (TA)Mounting Type-Package / Case208-BFQFPSupplier Device Package208-FQFP (28x28)	Package	208-BFQFP
Core Size       32-Bit         Speed       162MHz         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       0°C ~ 70°C (TA)         Mounting Type       -         Package / Case       208-BFQFP         Supplier Device Package       208-FQFP (28x28)	Series	MCF540x
Speed162MHzConnectivityEBI/EMI, 12C, 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 Temperature0°C ~ 70°C (TA)Mounting Type-Package / Case208-BFQFPSupplier Device Package208-FQFP (28x28)	Core Processor	Coldfire V4
Connectivity  Peripherals  DMA, WDT  Number of I/O  16  Program Memory Size  Program Memory Type  ROMIess  EEPROM Size  - RAM Size  Voltage - Supply (Vcc/Vdd)  Data Converters  Oscillator Type  External  Operating Temperature  Mounting Type  Package / Case  Supplier Device Package  EBI/EMI, 12C, UART/USART  DMA, WDT  16  EXTERNAL  OPC  **COMMENT OF TOWN OF	Core Size	32-Bit
Peripherals 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 0°C ~ 70°C (TA) Mounting Type - Package / Case Supplier Device Package 208-FQFP (28x28)	Speed	162MHz
Number of I/O 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 Operating Temperature 0°C ~ 70°C (TA) Mounting Type - Package / Case Supplier Device Package 208-FQFP (28x28)	Connectivity	EBI/EMI, I2C, UART/USART
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 Operating Temperature 0°C ~ 70°C (TA)  Mounting Type - Package / Case 208-BFQFP Supplier Device Package 208-FQFP (28x28)	Peripherals	DMA, WDT
Program Memory Type  EEPROM Size  -  RAM Size  4K x 8  Voltage - Supply (Vcc/Vdd)  Data Converters  -  Oscillator Type  External  Operating Temperature  0°C ~ 70°C (TA)  Mounting Type  -  Package / Case  Supplier Device Package  ROMless  -  ROMless  ROMless  -  208-FQFP (28x28)	Number of I/O	16
EEPROM Size - 4K x 8  Voltage - Supply (Vcc/Vdd) 1.65 V ~ 3.6 V  Data Converters - Coscillator Type External  Operating Temperature 0°C ~ 70°C (TA)  Mounting Type - Package / Case 208-BFQFP  Supplier Device Package 208-FQFP (28x28)	Program Memory Size	-
RAM Size 4K x 8  Voltage - Supply (Vcc/Vdd) 1.65 V ~ 3.6 V  Data Converters - Oscillator Type External Operating Temperature 0°C ~ 70°C (TA)  Mounting Type - Package / Case 208-BFQFP  Supplier Device Package 208-FQFP (28x28)	Program Memory Type	ROMless
Voltage - Supply (Vcc/Vdd)  Data Converters  - Oscillator Type  External  Operating Temperature  0°C ~ 70°C (TA)  Mounting Type  - Package / Case  208-BFQFP  Supplier Device Package  1.65 V ~ 3.6 V  -  208-FQFP (28x28)	EEPROM Size	-
Data Converters - Oscillator Type External Operating Temperature 0°C ~ 70°C (TA)  Mounting Type - Package / Case 208-BFQFP Supplier Device Package 208-FQFP (28x28)	RAM Size	4K x 8
Oscillator TypeExternalOperating Temperature $0^{\circ}\text{C} \sim 70^{\circ}\text{C}$ (TA)Mounting Type-Package / Case $208\text{-BFQFP}$ Supplier Device Package $208\text{-FQFP}$ ( $28x28$ )	Voltage - Supply (Vcc/Vdd)	1.65 V ~ 3.6 V
Operating Temperature 0°C ~ 70°C (TA)  Mounting Type - Package / Case 208-BFQFP  Supplier Device Package 208-FQFP (28x28)	Data Converters	-
Mounting Type - Package / Case 208-BFQFP Supplier Device Package 208-FQFP (28x28)	Oscillator Type	External
Package / Case 208-BFQFP Supplier Device Package 208-FQFP (28x28)	Operating Temperature	0°C ~ 70°C (TA)
Supplier Device Package 208-FQFP (28x28)	Mounting Type	-
	Package / Case	208-BFQFP
Report errors?	Supplier Device Package	208-FQFP (28x28)
		Report errors?

#### MCF5407FT162 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.

## MCF5407FT162 Payment Methods



















## **MCF5407FT162 Shipping Methods**













If you have any question about MCF5407FT162, please do not hesitate to contact us!

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