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See specifications for product details.



XMC4200Q48K256BAXUMA1

Manufacturer Part Number **XMC4200Q48K256BAXUMA1**

Manufacturer **Infineon Technologies**

Allelco Part Number **32D-XMC4200Q48K256BAXUMA1**

ECAD Model PCB Symbol, Footprint & 3D Model

Parts Description **IC MCU 32BIT 256KB FLASH 48VQFN**

Package **48-VFQFN Exposed Pad**

Data sheet **[XMC4100,4200 Datasheet.pdf](#)**

[XMC4100,4200 Ref Manual.pdf](#)

RoHs Status **ROHS3 Compliant**

Get a Quote

XMC4200Q48K256BAXUMA1 - Infineon Technologies.New Original in Stock. Download Linear Technology XMC4200Q48K256BAXUMA1 datasheet/specifications on AllelcoElec.com.

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Specifications

XMC4200Q48K256BAXUMA1 Tech Specifications

XMC4200Q48K256BAXUMA1 - Infineon Technologies technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Infineon Technologies	Oscillator Type	Internal
Voltage - Supply (Vcc/Vdd)	3.13V ~ 3.63V	Operating Temperature	-40°C ~ 125°C (TA)
Supplier Device Package	PG-VQFN-48-53	Number of I/O	21
Speed	80MHz	Mounting Type	Surface Mount
Series	XMC4000	EEPROM Size	-
RAM Size	40K x 8	Data Converters	A/D 16x12b; D/A 2x12b
Program Memory Type	FLASH	Core Size	32-Bit Single-Core
Program Memory Size	256KB (256K x 8)	Core Processor	ARM® Cortex®-M4
Peripherals	DMA, I ² S, LED, POR, PWM, WDT	Connectivity	CANbus, I ² C, LINbus, SPI, UART/USART, USB
Package / Case	48-VFQFN Exposed Pad	Base Product Number	XMC4200
Package	Tape & Reel (TR)		

Parts with Similar Specifications

The three parts on the right have similar specifications to Infineon Technologies XMC4200Q48K256BAXUMA1

Product Attribute				
Part Number	XMC4200Q48K256BAXUMA1	XMC4200F64K256BAXQSA1	XMC4108Q48K64ABXUMA1	XMC4108F64K64BAXQMA1
Manufacturer	Infineon Technologies	Infineon Technologies	Infineon Technologies	Infineon Technologies
Speed	80MHz	80MHz	80MHz	80MHz
EEPROM Size	-	-	-	-
RAM Size	40K x 8	40K x 8	20K x 8	20K x 8
Voltage - Supply (Vcc/Vdd)	3.13V ~ 3.63V	3.13V ~ 3.63V	3.13V ~ 3.63V	3.13V ~ 3.63V
Base Product Number	XMC4200	XMC4200	XMC4108	XMC4108
Package	Tape & Reel (TR)	Tray	Tape & Reel (TR)	Tray
Core Size	32-Bit Single-Core	32-Bit Single-Core	32-Bit Single-Core	32-Bit Single-Core
Core Processor	ARM® Cortex®-M4	ARM® Cortex®-M4	ARM® Cortex®-M4	ARM® Cortex®-M4
Oscillator Type	Internal	Internal	Internal	Internal
Operating Temperature	-40°C ~ 125°C (TA)	-40°C ~ 125°C (TA)	-40°C ~ 125°C (TA)	-40°C ~ 125°C (TA)
Program Memory Size	256KB (256K x 8)	256KB (256K x 8)	64KB (64K x 8)	64KB (64K x 8)
Supplier Device Package	PG-VQFN-48-53	PG-LQFP-64-19	PG-VQFN-48-4	PG-LQFP-64-19
Package / Case	48-VFQFN Exposed Pad	64-LQFP Exposed Pad	48-VFQFN Exposed Pad	64-LQFP Exposed Pad
Data Converters	A/D 16x12b; D/A 2x12b	A/D 16x12b; D/A 2x12b	A/D 9x12b; D/A 2x12b	A/D 10x12b; D/A 2x12b
Peripherals	DMA, I ² S, LED, POR, PWM, WDT	DMA, I ² S, LED, POR, PWM, WDT	DMA, I ² S, LED, POR, PWM, WDT	DMA, I ² S, LED, POR, PWM, WDT
Series	XMC4000	XMC4000	XMC4000	XMC4000
Connectivity	CANbus, I ² C, LINbus, SPI, UART/USART, USB	CANbus, I ² C, LINbus, SPI, UART/USART, USB	CANbus, I ² C, LINbus, SPI, UART/USART, USB	CANbus, I ² C, LINbus, SPI, UART/USART, USB
Program Memory Type	FLASH	FLASH	FLASH	FLASH
Number of I/O	21	35	21	35
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount

XMC4200Q48K256BAXUMA1 Datasheet PDF

Download XMC4200Q48K256BAXUMA1 pdf datasheets and Infineon Technologies documentation for XMC4200Q48K256BAXUMA1 - Infineon Technologies.

Datasheets

XMC4100,4200 Ref Manual.pdf

Other Related Documents

Part Number Guide.pdf

PCN Packaging

Mult Dev Cover Tape Chg 13/Jul/2022.pdf

330mm Reel Pkg Chg 3/Aug/2018.pdf

PCN Design/Specification

Cylindrical Battery Holders.pdf

HTML Datasheet




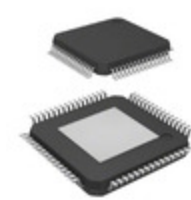


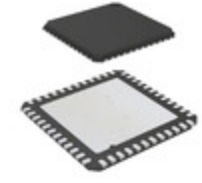







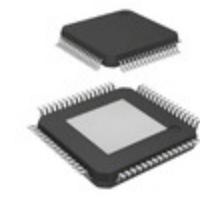


XMC4100,4200 Datasheet.pdf

PCN Assembly/Origin

2.73KHz.pdf

Customers Also Interested in

Recommended Products

					
XMC4300-F100F256AA	XMC4300F100K256AA	XMC4200-F64K256BA	XMC4200F64K256BAXQ5	XMC4400-F100K512BA	XMC4300-F100K256AA
Cypress Semiconductor (Infineon Technologies)	Cypress Semiconductor (Infineon Technologies)	Cypress Semiconductor (Infineon Technologies)	Infineon Technologies IC MCU 32BIT 256KB FLASH 64LQFP	Cypress Semiconductor (Infineon Technologies)	Cypress Semiconductor (Infineon Technologies)
					
XMC4108Q48K64ABXUM	XMC4100-F64K128BA	XMC4108F64K64BAXQM	XMC4200-Q48K256BA	XMC4200-F64F256BA	XMC4300-F100K256
Infineon Technologies IC MCU 32BIT 64KB FLASH 48QFN	Cypress Semiconductor (Infineon Technologies)	Infineon Technologies IC MCU 32BIT 64KB FLASH 64LQFP	Cypress Semiconductor (Infineon Technologies)	Cypress Semiconductor (Infineon Technologies)	Cypress Semiconductor (Infineon Technologies)
					
XMC4400-F64K512BA	XMC4108-F64K64BA	XMC4100F64K128BAXQM	XMC4104Q48F64BAXUM	XMC4300F100K256AAXQ	XMC4400-F64F512AB
Cypress Semiconductor (Infineon Technologies)	Cypress Semiconductor (Infineon Technologies)	Infineon Technologies IC MCU 32BIT 128KB FLASH 64LQFP	Infineon Technologies IC MCU 32BIT 64KB FLASH 48VQFN	Infineon Technologies IC MCU 32BIT 256KB FLASH 100LQFP	Cypress Semiconductor (Infineon Technologies)

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:
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