

MK24FN1M0CAJ12R

MK24FN1M0CAJ12R Information

| Heisener.com Belar lance card har | Part Number Manufacturer Category Description Package | MK24FN1M0CAJ12R NXP Integrated Circuits (ICs) Embedded - Microcontrollers IC MCU 32BIT 1MB FLASH 142WLCSP 142-UFBGA, WLCSP For the pricing/inventory/lead time, please contact | |
|--------------------------------------|---|--|-----------------|
| For Reference Only | | us Website: https://www.heisener.com E-mail: salesdept@heisener.com | Request a Quote |

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MK24FN1M0CAJ12R Specifications

| Manufacturer NXP Manufacturer NXP Category Integrated Circuits (ICs) Embedded - Microcontrollers 142-UFBGA, WLCSP Package 142-UFBGA, WLCSP Series Kinetis K20 Core Processor ARM? Cortex?-M4 Core Size 32-Bit Speed 120MHz Connectivity CAN, EBI/EMI, I2C, IrDA, SD, SPI, UART/USART, USB, USB OTG Number of I/O 100 Program Memory Size IMB (1M x 8) Program Memory Type FLASH EEPROM Size - RAM Size 256K x 8 Voltage - Supply (Vcc/Vdd) 1.71 V ~ 3.6 V Data Converters A/D 41x16b, D/A 2x12b Operating Temperature -40°C ~ 85°C (TA) Operating Temperature -40°C ~ 85°C (TA) Package / Case 142-UFBGA, WLCSP Supplier Device Package 142-WLCSP (4.83x5.58) | | | |
|---|----------------------------|--|----------------|
| CategoryIntegrated Circuits (ICs)Embedded - MicrocontrollersPackage142-UFBGA, WLCSPSeriesKinetis K20Core ProcessorARM? Cortex?-M4Core Size32-BitSpeed120MHzConnectivityCAN, EBI/EMI, 12C, IrDA, SD, SPI, UART/USART, USB, USB OTGPeripheralsDMA, 12S, LVD, POR, PWM, WDTNumber of I/O100Program Memory SizeIMB (IM x 8)EEPROM Size-RAM Size256K x 8Voltage - Supply (Vcc/Vdd)1.71 V ~ 3.6 VData ConvertersA/D 41x16b, D/A 2x12bOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case142-UFBGA, WLCSPSupplier Device Package142-WLCSP (4.83x5.58) | Manufacturer Part Number | MK24FN1M0CAJ12R | |
| Indedded - MicrocontrollersPackage142-UFBGA, WLCSPSeriesKinetis K20Core ProcessorARM? Cortex?-M4Core Size32-BitSpeed120MHzConnectivityCAN, EBI/EMI, 12C, IrDA, SD, SPI, UART/USART, USB, USB OTGPeripheralsDMA, 12S, LVD, POR, PWM, WDTNumber of I/O100Program Memory Size1MB (1M x 8)Program Memory TypeFLASHEEPROM Size-RAM Size256K x 8Voltage - Supply (Vcc/Vdd)1.71 V ~ 3.6 VData ConvertersA/D 41x16b, D/A 2x12bOscillator TypeInternalOperating Temperature-40°C ~ 85°C (TA)Package / Case142-UFBGA, WLCSPSupplier Device Package142-WLCSP (4.83x5.58) | Manufacturer | NXP | |
| Package142-UFBGA, WLCSPSeriesKinetis K20Core ProcessorARM? Cortex?-M4Core Size32-BitSpeed120MHzConnetivityCAN, EBI/EMI, 12C, IrDA, SD, SPI, UART/USART, USB, USB OTGPeripheralsDMA, 12S, LVD, POR, PWM, WDTNumber of I/O100Program Memory SizeIMB (1M x 8)PERPROM Size-RAM Size256K x 8Voltage - Supply (Vcc/Vd)1.71 V ~ 3.6 VData ConvertersA/D 41x16b, D/A 2x12bOscillator TypeInternalOperating Temperature-Package / Case142-UFBGA, WLCSPSupplier Device Package142-WLCSP (4.83x5.58) | Category | Integrated Circuits (ICs) | |
| SeriesKinetis K20Core ProcessorARM? Cortex?-M4Core Size32-BitSpeed120MHzConnectivityCAN, EBI/EMI, 12C, IrDA, SD, SPI, UART/USART, USB, USB OTGPreipheralsDMA, 12S, LVD, POR, PWM, WDTNumber of I/O100Program Memory SizeIMB (1M x 8)Program Memory TypeFLASHEEPROM Size-RAM Size256K x 8Voltage - Supply (Vcc/Vdd)1.71 V ~ 3.6 VData ConvertersA/D 41x16b, D/A 2x12bOperating Temperature-A0°C ~ 85°C (TA)-Package / Case142-UFBGA, WLCSPSupplier Device Package142-WLCSP (4.83x5.58) | | Embedded - Microcontrollers | |
| Core ProcessorARM? Cortex?-M4Core Size32-BitSpeed120MHzConnectivityCAN, EBI/EMI, I2C, IrDA, SD, SPI, UART/USART, USB, USB OTGPeripheralsDMA, I2S, LVD, POR, PWM, WDTNumber of I/O100Program Memory SizeIMB (IM x 8)Program Memory TypeFLASHEEPROM Size-RAM Size256K x 8Voltage - Supply (Vcc/Vdd)1.71 V ~ 3.6 VData ConvertersA/D 41x16b, D/A 2x12bOscillator TypeInternalOperating Temperature-Package / Case142-UFBGA, WLCSPSupplier Device Package142-WLCSP (4.83x5.58) | Package | 142-UFBGA, WLCSP | |
| Core Size32-BitSpeed120MHzConnectivityCAN, EBI/EMI, I2C, IrDA, SD, SPI, UART/USART, USB, USB OTGPeripheralsDMA, I2S, LVD, POR, PWM, WDTNumber of I/O100Program Memory SizeIMB (1M x 8)Program Memory TypeFLASHEEPROM Size-RAM Size256K x 8Voltage - Supply (Vcc/Vdd)1.71 V ~ 3.6 VData ConvertersA/D 41x16b, D/A 2x12bOscillator Type-Mounting Type-Package / Case142-UFBGA, WLCSPSupplier Device Package142-WLCSP (4.83x5.58) | Series | Kinetis K20 | |
| Speed120MHzConnectivityCAN, EBI/EMI, 12C, IrDA, SD, SPI, UART/USART, USB, USB OTGPeripheralsDMA, 12S, LVD, POR, PWM, WDTNumber of I/O100Program Memory SizeIMB (1M x 8)Program Memory TypeFLASHEEPROM Size-RAM Size256K x 8Voltage - Supply (Vcc/Vdd)1.71 V ~ 3.6 VData ConvertersA/D 41x16b, D/A 2x12bOscillator TypeInternalOperating Temperature-40°C ~ 85°C (TA)Package / Case142-UFBGA, WLCSPSupplier Device Package142-WLCSP (4.83x5.58) | Core Processor | ARM? Cortex?-M4 | |
| Connectivity CAN, EBI/EMI, I2C, IrDA, SD, SPI, UART/USART, USB, USB OTG Peripherals DMA, I2S, LVD, POR, PWM, WDT Number of I/O 100 Program Memory Size IMB (1M x 8) Program Memory Type FLASH EEPROM Size - RAM Size 256K x 8 Voltage - Supply (Vcc/Vdd) 1.71 V ~ 3.6 V Data Converters A/D 41x16b, D/A 2x12b Oscillator Type Internal Operating Temperature -40°C ~ 85°C (TA) Package / Case 142-UFBGA, WLCSP Supplier Device Package 142-WLCSP (4.83x5.58) | Core Size | 32-Bit | |
| PeripheralsDMA, 12S, LVD, POR, PWM, WDTNumber of I/O100Program Memory Size1MB (1M x 8)Program Memory TypeFLASHEEPROM Size-RAM Size256K x 8Voltage - Supply (Vcc/Vdd)1.71 V ~ 3.6 VData ConvertersA/D 41x16b, D/A 2x12bOscillator TypeInternalOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case142-UFBGA, WLCSPSupplier Device Package142-WLCSP (4.83x5.58) | Speed | 120MHz | |
| Number of I/O100Program Memory Size1MB (1M x 8)Program Memory TypeFLASHEEPROM Size-RAM Size256K x 8Voltage - Supply (Vcc/Vdd)1.71 V ~ 3.6 VData ConvertersA/D 41x16b, D/A 2x12bOscillator TypeInternalOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case142-UFBGA, WLCSPSupplier Device Package142-WLCSP (4.83x5.58) | Connectivity | CAN, EBI/EMI, I2C, IrDA, SD, SPI, UART/USART, USB, USB OTG | |
| Program Memory SizeIMB (IM x 8)Program Memory TypeFLASHEEPROM Size-RAM Size256K x 8Voltage - Supply (Vcc/Vdd)1.71 V ~ 3.6 VData ConvertersA/D 41x16b, D/A 2x12bOscillator TypeInternalOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case142-UFBGA, WLCSPSupplier Device Package142-WLCSP (4.83x5.58) | Peripherals | DMA, I2S, LVD, POR, PWM, WDT | |
| Program Memory TypeFLASHEEPROM Size-RAM Size256K x 8Voltage - Supply (Vcc/Vdd)1.71 V ~ 3.6 VData ConvertersA/D 41x16b, D/A 2x12bDoscillator TypeInternalOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case142-UFBGA, WLCSPSupplier Device Package142-WLCSP (4.83x5.58) | Number of I/O | 100 | |
| EEPROM Size-RAM Size256K x 8Voltage - Supply (Vcc/Vdd)1.71 V ~ 3.6 VData ConvertersA/D 41x16b, D/A 2x12bOscillator TypeInternalOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case142-UFBGA, WLCSPSupplier Device Package142-WLCSP (4.83x5.58) | Program Memory Size | 1MB (1M x 8) | |
| RAM Size256K x 8Voltage - Supply (Vcc/Vdd)1.71 V ~ 3.6 VData ConvertersA/D 41x16b, D/A 2x12bOscillator TypeInternalOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case142-UFBGA, WLCSPSupplier Device Package142-WLCSP (4.83x5.58) | Program Memory Type | FLASH | |
| Voltage - Supply (Vcc/Vdd)1.71 V ~ 3.6 VData ConvertersA/D 41x16b, D/A 2x12bOscillator TypeInternalOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case142-UFBGA, WLCSPSupplier Device Package142-WLCSP (4.83x5.58) | EEPROM Size | - | |
| Data ConvertersA/D 41x16b, D/A 2x12bOscillator TypeInternalOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case142-UFBGA, WLCSPSupplier Device Package142-WLCSP (4.83x5.58) | RAM Size | 256K x 8 | |
| Oscillator TypeInternalOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case142-UFBGA, WLCSPSupplier Device Package142-WLCSP (4.83x5.58) | Voltage - Supply (Vcc/Vdd) | 1.71 V ~ 3.6 V | |
| Operating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case142-UFBGA, WLCSPSupplier Device Package142-WLCSP (4.83x5.58) | Data Converters | A/D 41x16b, D/A 2x12b | |
| Mounting Type-Package / Case142-UFBGA, WLCSPSupplier Device Package142-WLCSP (4.83x5.58) | Oscillator Type | Internal | |
| Package / Case142-UFBGA, WLCSPSupplier Device Package142-WLCSP (4.83x5.58) | Operating Temperature | -40°C ~ 85°C (TA) | |
| Supplier Device Package142-WLCSP (4.83x5.58) | Mounting Type | - | |
| | Package / Case | 142-UFBGA, WLCSP | |
| Report errors? | Supplier Device Package | 142-WLCSP (4.83x5.58) | |
| | | | Report errors? |

MK24FN1M0CAJ12R 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.

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MK24FN1M0CAJ12R Shipping Methods



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