



Image may be representation.
See specifications for product details.



MK26FN2M0VLQ18

Manufacturer Part Number	MK26FN2M0VLQ18
Manufacturer	NXP Semiconductors
Allelco Part Number	32D-MK26FN2M0VLQ18
ECAD Model	PCB Symbol, Footprint & 3D Model
Parts Description	IC MCU 32BIT 2MB FLASH 144LQFP
Package	144-LQFP
Data sheet	MK26FN2M0xxz18(R) Datasheet.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

MK26FN2M0VLQ18 - NXP USA Inc..New Original in Stock. Download Linear Technology MK26FN2M0VLQ18 datasheet/specifications on AllelcoElec.com.
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Specifications

MK26FN2M0VLQ18 Tech Specifications
MK26FN2M0VLQ18 - NXP USA Inc. technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	NXP Semiconductors	Oscillator Type	Internal
Voltage - Supply (Vcc/Vdd)	1.71V ~ 3.6V	Operating Temperature	-40°C ~ 105°C (TA)
Supplier Device Package	144-LQFP (20x20)	Number of I/O	100
Speed	180MHz	Mounting Type	Surface Mount
Series	Kinetis K20	EEPROM Size	-
RAM Size	256K x 8	Data Converters	A/D 5x12b, 3x16b; D/A 2x12b
Program Memory Type	FLASH	Core Size	32-Bit Single-Core
Program Memory Size	2MB (2M x 8)	Core Processor	ARM® Cortex®-M4
Peripherals	DMA, I²S, LVD, POR, PWM, WDT	Connectivity	CANbus, EBI/EMI, I²C, IrDA, SD, SPI, UART/USART, USB, USB OTG
Package / Case	144-LQFP	Base Product Number	MK26FN2M0
Package	Tray		

Parts with Similar Specifications

The three parts on the right have similar specifications to NXP USA Inc. MK26FN2M0VLQ18

Product Attribute				
Part Number	MK26FN2M0VLQ18	MK26FN2M0CAC18R	MK24FN1M0VLL12	MK26FN2M0VMI18
Manufacturer	NXP USA Inc.	NXP USA Inc.	NXP USA Inc.	NXP USA Inc.
Package / Case	144-LQFP	169-UFBGA, WLCSP	100-LQFP	169-LFBGA
Base Product Number	MK26FN2M0	MK26FN2M0	MK24FN1M0	MK26FN2M0
Data Converters	A/D 5x12b, 3x16b; D/A 2x12b	A/D 5x12b, 6x16b; D/A 2x12b	A/D 32x16b; D/A 2x12b	A/D 5x12b, 6x16b; D/A 2x12b
Operating Temperature	-40°C ~ 105°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 105°C (TA)	-40°C ~ 105°C (TA)
Series	Kinetis K20	Kinetis K20	Kinetis K20	Kinetis K20
Core Size	32-Bit Single-Core	32-Bit Single-Core	32-Bit Single-Core	32-Bit Single-Core
Peripherals	DMA, I²S, LVD, POR, PWM, WDT	DMA, I²S, LVD, POR, PWM, WDT	DMA, I²S, LVD, POR, PWM, WDT	DMA, I²S, LVD, POR, PWM, WDT
Oscillator Type	Internal	Internal	Internal	Internal
RAM Size	256K x 8	256K x 8	256K x 8	256K x 8
Number of I/O	100	116	66	116
Supplier Device Package	144-LQFP (20x20)	169-WLCSP (5.5x5.63)	100-LQFP (14x14)	169-MAPBGA (9x9)
Program Memory Size	2MB (2M x 8)	2MB (2M x 8)	1MB (1M x 8)	2MB (2M x 8)
Connectivity	CANbus, EBI/EMI, I²C, IrDA, SD, SPI, UART/USART, USB, USB OTG	CANbus, EBI/EMI, I²C, IrDA, SD, SPI, UART/USART, USB, USB OTG	CANbus, EBI/EMI, I²C, IrDA, SD, SPI, UART/USART, USB, USB OTG	CANbus, EBI/EMI, I²C, IrDA, SD, SPI, UART/USART, USB, USB OTG
Core Processor	ARM® Cortex®-M4	ARM® Cortex®-M4	ARM® Cortex®-M4	ARM® Cortex®-M4
Package	Tray	Tape & Reel (TR)	Tray	Tray
Program Memory Type	FLASH	FLASH	FLASH	FLASH
Speed	180MHz	180MHz	120MHz	180MHz
Voltage - Supply (Vcc/Vdd)	1.71V ~ 3.6V	1.71V ~ 3.6V	1.71V ~ 3.6V	1.71V ~ 3.6V
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
EEPROM Size	-	-	-	-

MK26FN2M0VLQ18 Datasheet PDF

Download MK26FN2M0VLQ18 pdf datasheets and NXP USA Inc. documentation for MK26FN2M0VLQ18 - NXP USA Inc..

Datasheets


[MK26FN2M0xxz18\(R\) Datasheet.pdf](#)


PCN Packaging

[All Dev Label Update 15/Dec/2020.pdf](#)

[Mult Dev Pkg Seal 15/Dec/2020.pdf](#)

Environmental Information

 NXP USA Inc REACH.pdf

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PCN Assembly/Origin

 Mult Dev Site Chgs 18/Dec/2020.pdf

PCN Design/Specification

 MK6/2 29/Apr/2017.pdf

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Recommended Products

					
MK24FN1M0VMC12 Freescale / NXP Semiconductors	MK2703BSLF Renesas Electronics America Inc IC PLL CLOCK SYNTHESIZER 8SOIC	MK26FN2M0CAC18R NXP USA Inc. IC MCU 32BIT 2MB FLASH 169WLCSP	MK2703SLFTR Renesas Electronics America Inc IC PLL CLOCK SYNTHESIZER 8SOIC	MK24FN1MOV12 Freescale / NXP Semiconductors	MK24FN1M0VLL12 NXP USA Inc. IC MCU 32BIT 1MB FLASH 100LQFP
					
MK2703SLF Renesas Electronics America Inc IC PLL CLOCK SYNTHESIZER 8SOIC	MK26FN2M0VMI18 NXP USA Inc. IC MCU 32BIT 2MB FLASH 169MAPBGA	MK2703BSLFTR Renesas Electronics America Inc IC PLL CLOCK SYNTHESIZER 8SOIC	MK24FN1M0VLQ12 NXP USA Inc. IC MCU 32BIT 1MB FLASH 144LQFP	MK24FN1M0VDC12 Freescale Semiconductor IC MCU 32BIT 1MB FLASH 121XFBGA	MK24FN1MOVLL12 Freescale / NXP Semiconductors
					
MK2703SL ICS	MK24FN256VDC12 NXP USA Inc. IC MCU 32BIT 256KB FLSH 121XFBGA	MK26FN2MOVLLQ18 Freescale / NXP Semiconductors	MK24FN1MOVLLQ12 Freescale / NXP Semiconductors	MK24FN1M0VLL12R NXP USA Inc. IC MCU 32BIT 1MB FLASH 100LQFP	MK2703S Renesas Electronics America Inc IC PLL CLOCK SYNTHESIZER 8SOIC

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

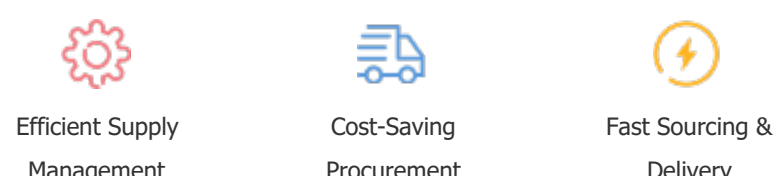
Note: The above table is for reference only. There may have some data bias for the uncontrollable factors. Contact us if you have any questions.

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