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See specifications for product details.



MCF51JM128VLH

Manufacturer Part Number	MCF51JM128VLH
Manufacturer	NXP Semiconductors
Allelco Part Number	32D-MCF51JM128VLH
ECAD Model	PCB Symbol, Footprint & 3D Model
Parts Description	IC MCU 32BIT 128KB FLASH 64LQFP
Package	64-LQFP
Data sheet	MCF51JM128.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

MCF51JM128VLH - NXP USA Inc..New Original in Stock. Download Linear Technology MCF51JM128VLH datasheet/specifications on AllelcoElec.com.
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Specifications

MCF51JM128VLH Tech Specifications
MCF51JM128VLH - NXP USA Inc. technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	NXP Semiconductors	Oscillator Type	External
Voltage - Supply (Vcc/Vdd)	2.7V ~ 5.5V	Operating Temperature	-40°C ~ 105°C (TA)
Supplier Device Package	64-LQFP (10x10)	Number of I/O	51
Speed	50MHz	Mounting Type	Surface Mount
Series	MCF51JM	EEPROM Size	-
RAM Size	16K x 8	Data Converters	A/D 12x12b
Program Memory Type	FLASH	Core Size	32-Bit Single-Core
Program Memory Size	128KB (128K x 8)	Core Processor	Coldfire V1
Peripherals	LVD, PWM, WDT	Connectivity	CANbus, I ² C, SCI, SPI, USB OTG
Package / Case	64-LQFP	Base Product Number	MCF51
Package	Tray		

Parts with Similar Specifications

The three parts on the right have similar specifications to NXP USA Inc. MCF51JM128VLH

Product Attribute				
Part Number	MCF51JM128VLH	MCF51JM32VLK	MCF51JM32VLD	MCF51JU128VHS
Manufacturer	NXP USA Inc.	Freescale Semiconductor	NXP USA Inc.	Freescale Semiconductor
Program Memory Size	128KB (128K x 8)	32KB (32K x 8)	32KB (32K x 8)	128KB (128K x 8)
EEPROM Size	-	-	-	-
Speed	50MHz	50MHz	50MHz	50MHz
Base Product Number	MCF51	MCF51	MCF51	MCF51
Supplier Device Package	64-LQFP (10x10)	80-LQFP (14x14)	44-LQFP (10x10)	44-MAPLGA (5x5)
Number of I/O	51	66	33	31
Voltage - Supply (Vcc/Vdd)	2.7V ~ 5.5V	2.7V ~ 5.5V	2.7V ~ 5.5V	1.71V ~ 3.6V
Core Size	32-Bit Single-Core	32-Bit Single-Core	32-Bit Single-Core	32-Bit Single-Core
Data Converters	A/D 12x12b	A/D 12x12b	A/D 8x12b	A/D 9x12b; D/A 1x12b
Core Processor	Coldfire V1	Coldfire V1	Coldfire V1	Coldfire V1
Program Memory Type	FLASH	FLASH	FLASH	FLASH
Series	MCF51JM	MCF51JM	MCF51JM	MCF51Jx
Peripherals	LVD, PWM, WDT	LVD, PWM, WDT	LVD, PWM, WDT	DMA, I ² S, LVD, POR, PWM, WDT
Connectivity	CANbus, I ² C, SCI, SPI, USB OTG	CANbus, I ² C, SCI, SPI, USB OTG	I ² C, SCI, SPI, USB OTG	EBI/EMI, I ² C, SPI, UART/USART, USB OTG
RAM Size	16K x 8	16K x 8	16K x 8	32K x 8
Operating Temperature	-40°C ~ 105°C (TA)	-40°C ~ 105°C (TA)	-40°C ~ 105°C (TA)	-40°C ~ 105°C (TA)
Package	Tray	Bulk	Tray	Bulk
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Package / Case	64-LQFP	80-LQFP	44-LQFP	44-VFLGA Exposed Pad
Oscillator Type	External	External	External	External

MCF51JM128VLH Datasheet PDF

Download MCF51JM128VLH pdf datasheets and NXP USA Inc. documentation for MCF51JM128VLH - NXP USA Inc..

Datasheets

[MCF51JM128.pdf](#)

Environmental Information

[NXP USA Inc REACH.pdf](#)

[NXP USA Inc RoHS Cert.pdf](#)

PCN Packaging



Mult Dev Pkg Seal 15/Dec/2020.pdf



Mult Dev Pkg Chgs 8/Feb/2022.pdf

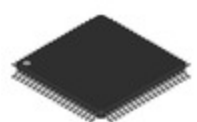
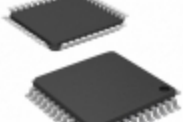

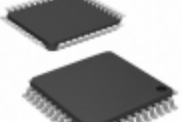

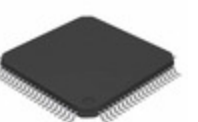





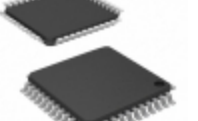






PCN Assembly/Origin



Mult Dev Site Chgs 18/Dec/2020.pdf

Customers Also Interested in

Recommended Products

					
MCF51JM32VLK Freescale Semiconductor IC MCU 32BIT 32KB FLASH 80LQFP	MCF51JM32VLD NXP USA Inc. IC MCU 32BIT 32KB FLASH 44LQFP	MCF51JU128VHS Freescale Semiconductor IC MCU 32BIT 128KB FLSH 44MAPLGA	MCF51JM128EVL D NXP USA Inc. IC MCU 32BIT 128KB FLASH 44LQFP	MCF51JM64VLK NXP USA Inc. IC MCU 32BIT 64KB FLASH 80LQFP	MCF51JM128EVLK NXP USA Inc. IC MCU 32BIT 128KB FLASH 80LQFP
					
MCF51JF32VFM NXP USA Inc. IC MCU 32BIT 32KB FLASH 32QFN	MCF51JM64EVLH Freescale Semiconductor IC MCU 32BIT 64KB FLASH 64LQFP	MCF51JM64EVLH NXP USA Inc. IC MCU 32BIT 64KB FLASH 64LQFP	MCF51JM128VQH NXP USA Inc. IC MCU 32BIT 128KB FLASH 64QFP	MCF51JE256VLK Freescale Semiconductor IC MCU 32BIT 256KB FLASH 80FQFP	MCF51JM128VLD NXP USA Inc. IC MCU 32BIT 128KB FLASH 44LQFP
					
MCF51JM32VLK NXP USA Inc. IC MCU 32BIT 32KB FLASH 80LQFP	MCF51JF64VLF NXP USA Inc. IC MCU 32BIT 64KB FLASH 48LQFP	MCF51JM128EVL D Freescale Semiconductor IC MCU 32BIT 128KB FLASH 44LQFP	MCF51JE256VLK NXP USA Inc. IC MCU 32BIT 256KB FLASH 80FQFP	MCF51JF32VFM Freescale Semiconductor IC MCU 32BIT 32KB FLASH 32QFN	MCF51JF128VLH NXP USA Inc. IC MCU 32BIT 128KB FLASH 64LQFP

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:
Wire Transfer (T/T, Bank Transfer), Western Union, Credit card, PayPal.



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