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See specifications for product details.



## MCF51JU128VHS

Manufacturer Part Number	<b>MCF51JU128VHS</b>
Manufacturer	<b>NXP Semiconductors</b>
Allelco Part Number	32D-MCF51JU128VHS
ECAD Model	Request Free CAD Models
Parts Description	IC MCU 32BIT 128KB FLSH 44MAPLGA
Package	44-VFLGA Exposed Pad
Data sheet	<a href="#">ColdFire+ Portfolio Brief.pdf</a> <a href="#">MCF51JU128 Ref Manual.pdf</a> <a href="#">MCF51JU128 Series DataSheet.pdf</a>

RoHs Status **ROHS3 Compliant**

**Get a Quote**

MCF51JU128VHS - NXP USA Inc..New Original in Stock. Download Linear Technology MCF51JU128VHS datasheet/specifications on AllelcoElec.com.  
Request a quote for MCF51JU128VHS, please send us email: [info@allelco.com](mailto:info@allelco.com)

## Specifications

MCF51JU128VHS Tech Specifications

MCF51JU128VHS - 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)	1.71V ~ 3.6V	Operating Temperature	-40°C ~ 105°C (TA)
Supplier Device Package	44-MAPLGA (5x5)	Number of I/O	31
Speed	50MHz	Mounting Type	Surface Mount
Series	MCF51Jx	EEPROM Size	-
RAM Size	32K x 8	Data Converters	A/D 9x12b; D/A 1x12b
Program Memory Type	FLASH	Core Size	32-Bit Single-Core
Program Memory Size	128KB (128K x 8)	Core Processor	Coldfire V1
Peripherals	DMA, I <sup>2</sup> S, LVD, POR, PWM, WDT	Connectivity	EBI/EMI, I <sup>2</sup> C, SPI, UART/USART, USB OTG
Package / Case	44-VFLGA Exposed Pad	Base Product Number	MCF51
Package	Tray		

## Parts with Similar Specifications

The three parts on the right have similar specifications to NXP USA Inc. MCF51JU128VHS

Product Attribute				
Part Number	MCF51JU128VHS	<b>MCF51JU128VLH</b>	<b>MCF51MM128CLK</b>	<b>MCF51JU128VHS</b>
Manufacturer	NXP USA Inc.	Freescle Semiconductor	NXP USA Inc.	Freescle Semiconductor
Oscillator Type	External	External	External	External
Operating Temperature	-40°C ~ 105°C (TA)	-40°C ~ 105°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 105°C (TA)
Base Product Number	MCF51	-	MCF51	MCF51
EEPROM Size	-	-	-	-
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Voltage - Supply (Vcc/Vdd)	1.71V ~ 3.6V	1.71V ~ 3.6V	1.8V ~ 3.6V	1.71V ~ 3.6V
Core Size	32-Bit Single-Core	32-Bit	32-Bit Single-Core	32-Bit Single-Core
Supplier Device Package	44-MAPLGA (5x5)	64-LQFP (10x10)	80-FQFP (12x12)	44-MAPLGA (5x5)
RAM Size	32K x 8	32K x 8	32K x 8	32K x 8
Speed	50MHz	50MHz	50MHz	50MHz
Program Memory Type	FLASH	FLASH	FLASH	FLASH
Package	Tray	Bulk	Box	Bulk
Data Converters	A/D 9x12b; D/A 1x12b	A/D 17x12b; D/A 1x12b	A/D 8x16b; D/A 1x12b	A/D 9x12b; D/A 1x12b
Number of I/O	31	48	47	31
Connectivity	EBI/EMI, I <sup>2</sup> C, SPI, UART/USART, USB OTG	EBI/EMI, I <sup>2</sup> C, SPI, UART/USART, USB OTG	CANbus, EBI/EMI, I <sup>2</sup> C, SCI, SPI, USB OTG	EBI/EMI, I <sup>2</sup> C, SPI, UART/USART, USB OTG
Peripherals	DMA, I <sup>2</sup> S, LVD, POR, PWM, WDT	DMA, I <sup>2</sup> S, LVD, POR, PWM	LVD, PWM, WDT	DMA, I <sup>2</sup> S, LVD, POR, PWM, WDT
Package / Case	44-VFLGA Exposed Pad	64-LQFP	80-LQFP	44-VFLGA Exposed Pad
Program Memory Size	128KB (128K x 8)	128KB (128K x 8)	128KB (128K x 8)	128KB (128K x 8)
Core Processor	Coldfire V1	-	Coldfire V1	Coldfire V1
Series	MCF51Jx	-	MCF51MM	MCF51Jx

## MCF51JU128VHS Datasheet PDF

Download MCF51JU128VHS pdf datasheets and NXP USA Inc. documentation for MCF51JU128VHS - NXP USA Inc..


### 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

 NXP USA Inc RoHS Cert.pdf

## PCN Assembly/Origin

 2.73KHz.pdf

## HTML Datasheet

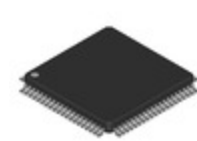
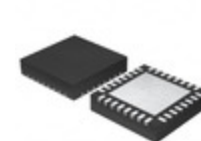
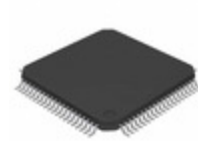
 ColdFire+ Portfolio Brief.pdf

 MCF51JU128 Ref Manual.pdf

 MCF51JU128 Series DataSheet.pdf

## Customers Also Interested in

### Recommended Products



#### MCF51JU128VLH

Freescle Semiconductor  
MCF51Jx 32-bit MCU, ColdFire V1

#### MCF51MM128CLK

NXP USA Inc.  
IC MCU 32BIT 128KB FLASH 80FQFP

#### MCF51JU128VHS

Freescle Semiconductor  
IC MCU 32BIT 128KB FLSH 44MAPLGA

#### MCF51JM64VLK

NXP USA Inc.  
IC MCU 32BIT 64KB FLASH 80LQFP

#### MCF51JU32VFM

NXP USA Inc.  
IC MCU 32BIT 32KB FLASH 32QFN

#### MCF51JM64VLK

Freescle Semiconductor  
IC MCU 32BIT 64KB FLASH 80LQFP



#### MCF51MM128CLK

Freescle Semiconductor  
IC MCU 32BIT 128KB FLASH 80FQFP

#### MCF51JM32VLD

NXP USA Inc.  
IC MCU 32BIT 32KB FLASH 44LQFP

#### MCF51JU128VLH

NXP USA Inc.  
IC MCU 32BIT 128KB FLASH 64LQFP

#### MCF51JM32VLK

Freescle Semiconductor  
IC MCU 32BIT 32KB FLASH 80LQFP

#### MCF51MM256CLK

Freescle Semiconductor  
IC MCU 32BIT 256KB FLASH 80FQFP

#### MCF51MM256VLL

Freescle Semiconductor  
IC MCU 32BIT 256KB FLASH 100LQFP



#### MCF51JU64VLF

NXP USA Inc.  
IC MCU 32BIT 64KB FLASH 48LQFP

#### MCF51JM32VLK

NXP USA Inc.  
IC MCU 32BIT 32KB FLASH 80LQFP

#### MCF51JM128VQH

NXP USA Inc.  
IC MCU 32BIT 128KB FLASH 64QFP

#### MCF51JM64EVLH

NXP USA Inc.  
IC MCU 32BIT 64KB FLASH 64LQFP

#### MCF51JM64EVLH

Freescle Semiconductor  
IC MCU 32BIT 64KB FLASH 64LQFP

#### MCF51MM256VLL

NXP USA Inc.  
IC MCU 32BIT 256KB FLASH 100LQFP

## 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.



## Your Faithful Supply Chain Partner -



Efficient Supply  
Management



Cost-Saving  
Procurement



Fast Sourcing &  
Delivery

Contact us if you have any questions.



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Email  
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## Certifications & Memberships



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