

Image may be representation.
See specifications for product details.



AT91FR40162SB-CU

Manufacturer Part Number	AT91FR40162SB-CU
Manufacturer	Microchip Technology
Allelco Part Number	32D-AT91FR40162SB-CU
ECAD Model	Request Free CAD Models
Parts Description	IC MCU 16/32BIT 2MB FLASH 121BGA
Package	121-TFBGA
Data sheet	Cylindrical Battery Holders.pdf

Get a Quote

AT91FR40162SB-CU - Microchip Technology. New Original in Stock. Download Linear Technology AT91FR40162SB-CU datasheet/specifications on AllelcoElec.com.
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Specifications

AT91FR40162SB-CU Tech Specifications
AT91FR40162SB-CU - Microchip Technology technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Microchip Technology	Oscillator Type	External
Voltage - Supply (Vcc/Vdd)	1.65V ~ 1.95V	Operating Temperature	-40°C ~ 85°C (TA)
Supplier Device Package	121-BGA (10x10)	Number of I/O	32
Speed	75MHz	Mounting Type	Surface Mount
Series	AT91	EEPROM Size	-
RAM Size	256K x 8	Data Converters	-
Program Memory Type	FLASH	Core Size	16/32-Bit
Program Memory Size	2MB (1M x 16)	Core Processor	ARM7®
Peripherals	WDT	Connectivity	EBI/EMI, UART/USART
Package / Case	121-TFBGA	Base Product Number	AT91FR40162
Package	Tray		

Parts with Similar Specifications

The three parts on the right have similar specifications to Microchip Technology AT91FR40162SB-CU

Product Attribute				
Part Number	AT91FR40162SB-CU	AT91M40400-25AC	AT91M42800A-33AU	AT91M40800-33AU
Manufacturer	Microchip Technology	Microchip Technology	Microchip Technology	Microchip Technology
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Peripherals	WDT	WDT	WDT	POR, WDT
Supplier Device Package	121-BGA (10x10)	100-TQFP (14x14)	144-LQFP (20x20)	100-LQFP (14x14)
Package	Tray	Tray	Tray	Tray
Number of I/O	32	32	54	32
Base Product Number	AT91FR40162	AT91M40400	AT91M42800A	AT91M40800
Series	AT91	AT91SAM	AT91	AT91
Operating Temperature	-40°C ~ 85°C (TA)	0°C ~ 70°C	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)
Oscillator Type	External	External	External	External
Data Converters	-	-	-	-
Voltage - Supply (Vcc/Vdd)	1.65V ~ 1.95V	2.7V ~ 3.6V	2.7V ~ 3.6V	1.8V ~ 3.6V
Core Processor	ARM7®	ARM7®	ARM7®	ARM7®
Speed	75MHz	25MHz	33MHz	33MHz
Package / Case	121-TFBGA	100-TQFP	144-LQFP	100-LQFP
Program Memory Type	FLASH	ROMless	ROMless	ROMless
EEPROM Size	-	-	-	-
Core Size	16/32-Bit	16/32-Bit	16/32-Bit	16/32-Bit
Program Memory Size	2MB (1M x 16)	-	-	-
Connectivity	EBI/EMI, UART/USART	EBI/EMI, UART/USART	EBI/EMI, SPI, UART/USART	EBI/EMI, UART/USART
RAM Size	256K x 8	4K x 8	8K x 8	8K x 8

AT91FR40162SB-CU Datasheet PDF

Download AT91FR40162SB-CU pdf datasheets and Microchip Technology documentation for AT91FR40162SB-CU - Microchip Technology.

Datasheets

Cylindrical Battery Holders.pdf








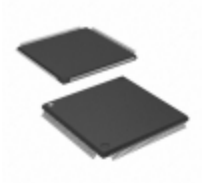














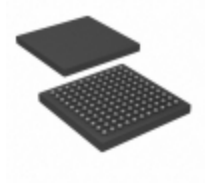
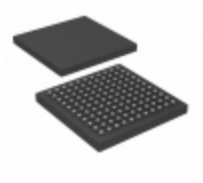









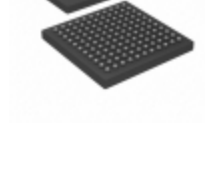


PCN Packaging

MBB/Label Chgs 16/Nov/2018.pdf

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Customers Also Interested in

Recommended Products

					
					
AT9173EG Atmel (Microchip Technology)	AT91M40400-25AC Microchip Technology IC MCU 16/32BIT ROMLESS 100TQFP	AT91M42800A-33AU Microchip Technology IC MCU 16/32BIT ROMLESS 144LQFP	AT91M40800-33AU Microchip Technology IC MCU 16/32BIT ROMLESS 100LQFP	AT91F40816-33CI Microchip Technology IC MCU 16/32BIT 2MB FLASH 120BGA	AT91FR4081-33CI Microchip Technology IC MCU 16/32BIT 1MB FLASH 120BGA
					
					
AT91M40400-33AC Microchip Technology IC MCU 16/32BIT ROMLESS 100TQFP	AT91FR40162S Atmel (Microchip Technology)	AT91AD25-CF Atmel (Microchip Technology)	AT91M4080033AI Atmel (Microchip Technology)	AT91FR4042-CI Microchip Technology IC MCU 16/32B 512KB FLASH 121BGA	AT91FR40162-CI Microchip Technology IC MCU 16/32BIT 2MB FLASH 121BGA
					
					
AT91M40800-33AI Microchip Technology IC MCU 16/32BIT ROMLESS 100LQFP	AT91798A Atmel (Microchip Technology)	AT91FR40162SB-CI Atmel (Microchip Technology)	AT91FR40162S-CJ Microchip Technology IC MCU 16/32BIT 2MB FLASH 121BGA	AT91C140-QU-001 Atmel (Microchip Technology)	AT91M40400-25AI Microchip Technology IC MCU 16/32BIT ROMLESS 100TQFP

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 Alleco 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 -



Contact us if you have any questions.



Certifications & Memberships



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