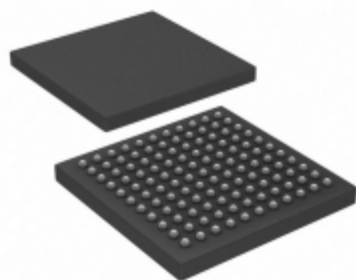


AT91FR4042-CI



Images are for reference only.
See Product Specifications for product details.
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Part Number: [AT91FR4042-CI](#)

Manufacturer: [Micrel / Microchip Technology](#)

Description: IC MCU 32BIT 512KB FLASH 121BGA

Data sheet:  [AT91FR4042](#)

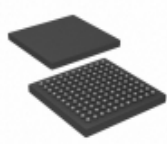
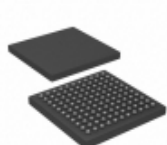
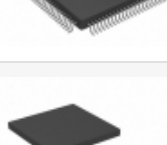
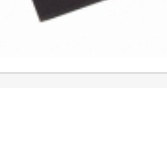
RoHS Status: Contains lead / RoHS non-compliant

Ship From: Hong Kong

Shipment Way: DHL/Fedex/TNT/UPS/EMS

Request For Quotation

PRODUCT PARAMETER			
Part Number	AT91FR4042-CI	Manufacturer	Micrel / Microchip Technology
Description	IC MCU 32BIT 512KB FLASH 121BGA	Lead Free Status / RoHS Status	Contains lead / RoHS non-compliant
Quantity Available	4927 pcs	Data sheet	AT91FR4042
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	1.65 V ~ 1.95 V
Supplier Device Package	121-BGA (10x10)	Speed	75MHz
Series	AT91	RAM Size	256K x 8
Program Memory Type	FLASH	Program Memory Size	512KB (256K x 16)
Peripherals	WDT	Packaging	Tray
Package / Case	121-TFBGA	Oscillator Type	External
Operating Temperature	-40°C ~ 85°C (TA)	Number of I/O	32
Moisture Sensitivity Level (MSL)	3 (168 Hours)	Lead Free Status / RoHS Status	Contains lead / RoHS non-compliant
EEPROM Size	-	Detailed Description	ARM7® AT91 Microcontroller IC 16/32-Bit 75MHz 512KB (256K x 16) FLASH 121-BGA (10x10)
Data Converters	-	Core Size	16/32-Bit
Core Processor	ARM7®	Connectivity	EBI/EMI, UART/USART
Base Part Number	AT91FR4042		
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	Part#: AT91FR40162S-CJ Description: IC MCU 32BIT 2MB FLASH 121BGA	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: AT91FR40161-CI Description: IC MCU 32BIT 2MB FLASH 120BGA	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: AT91F40816-33CI Description: IC MCU 32BIT 2MB FLASH 120BGA	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: AT91M40800-33AI Description: IC MCU 32BIT ROMLESS 100LQFP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: AT91M40400-33AC Description: IC MCU 32BIT ROMLESS 100TQFP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: AT91EB63 Description: ARM M63200 & M43300 EVAL KIT	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: AT91M40400-25AI Description: IC MCU 32BIT ROMLESS 100TQFP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: AT91FR40162-CI-T Description: IC MCU 32BIT 2MB FLASH 121BGA	Manufacturers: Micrel / Microchip Technology	RFQ
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	Part#: AT91M40800-33AU-999 Description: IC MCU 32BIT ROMLESS 100LQFP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: AT91F40416-25CI Description: IC MCU 32BIT 2MB FLASH 120BGA	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: AT91FR40162-CI Description: IC MCU 32BIT 2MB FLASH 121BGA	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: AT91M40400-25AC Description: IC MCU 32BIT ROMLESS 100TQFP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: AT91FR40162SB-CU-999 Description: IC MCU 32BIT 2MB FLASH 121BGA	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: AT91F40416-25CC Description: IC MCU 32BIT 2MB FLASH 120BGA	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: AT91M40800-33AI-T Description: IC MCU 32BIT ROMLESS 100LQFP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: AT91FR40162SB-CU Description: IC MCU 32BIT 2MB FLASH 121BGA	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: AT91M42800-33AI Description: IC MCU 32BIT ROMLESS 144LQFP	Manufacturers: Micrel / Microchip Technology	RFQ

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