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See specifications for product details.



AT91R40807-33AU

Manufacturer Part Number	AT91R40807-33AU
Manufacturer	Microchip Technology
Allelco Part Number	32D-AT91R40807-33AU
ECAD Model	Request Free CAD Models
Parts Description	IC MCU 16/32BIT ROMLESS 100TQFP
Package	100-TQFP
Data sheet	AT91R40807 Elect Characteristics.pdf
	Cylindrical Battery Holders.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

AT91R40807-33AU - Microchip Technology.New Original in Stock. Download Linear Technology AT91R40807-33AU datasheet/specifications on AllelcoElec.com.
Request a quote for AT91R40807-33AU, please send us email: info@allelco.com

Specifications

AT91R40807-33AU Tech Specifications

AT91R40807-33AU - Microchip Technology technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Microchip Technology	Oscillator Type	External
Voltage - Supply (Vcc/Vdd)	1.8V ~ 3.6V	Operating Temperature	-40°C ~ 85°C (TA)
Supplier Device Package	100-TQFP (14x14)	Number of I/O	32
Speed	33MHz	Mounting Type	Surface Mount
Series	AT91	EEPROM Size	-
RAM Size	136K x 8	Data Converters	-
Program Memory Type	ROMless	Core Size	16/32-Bit
Program Memory Size	-	Core Processor	ARM7®
Peripherals	WDT	Connectivity	EBI/EMI, UART/USART
Package / Case	100-TQFP	Base Product Number	AT91R40807
Package	Tray		

Parts with Similar Specifications

The three parts on the right have similar specifications to Microchip Technology AT91R40807-33AU

Product Attribute				
Part Number	AT91R40807-33AU	AT91R40008-66AI	AT91RM9200-CJ-002	AT91R40008-66AU
Manufacturer	Microchip Technology	Microchip Technology	Microchip Technology	Atmel
Series	AT91	AT91	AT91	AT91
Core Processor	ARM7®	ARM7®	ARM920T	ARM7®
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Package	Tray	Tray	Tray	Tray
Peripherals	WDT	POR, WDT	POR	POR, WDT
Data Converters	-	-	-	-
Connectivity	EBI/EMI, UART/USART	EBI/EMI, UART/USART	EBI/EMI, Ethernet, I ² C, Memory Card, SPI, SSC, UART/USART, USB	EBI/EMI, UART/USART
Program Memory Type	ROMless	ROMless	ROM	ROMless
Package / Case	100-TQFP	100-TQFP	256-LFBGA	100-LQFP
Supplier Device Package	100-TQFP (14x14)	100-TQFP (14x14)	256-BGA (15x15)	100-LQFP (14x14)
Number of I/O	32	32	122	32
Base Product Number	AT91R40807	AT91R40008	AT91RM9200	AT91R40008
Core Size	16/32-Bit	16/32-Bit	16/32-Bit	16/32-Bit
Voltage - Supply (Vcc/Vdd)	1.8V ~ 3.6V	1.65V ~ 1.95V	1.65V ~ 1.95V	1.65V ~ 1.95V
Speed	33MHz	66MHz	180MHz	66MHz
Oscillator Type	External	External	Internal	External
Operating Temperature	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)
EEPROM Size	-	-	-	-
Program Memory Size	-	-	128KB (128K x 8)	-
RAM Size	136K x 8	256K x 8	48K x 8	256K x 8

AT91R40807-33AU Datasheet PDF

Download AT91R40807-33AU pdf datasheets and Microchip Technology documentation for AT91R40807-33AU - Microchip Technology.

Datasheets

[AT91R40807 Elect Characteristics.pdf](#)

PCN Packaging



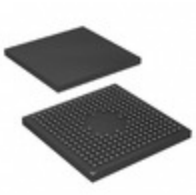

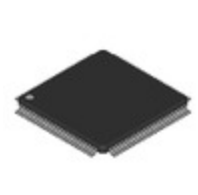
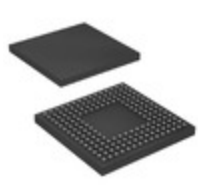




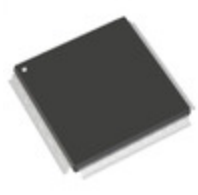

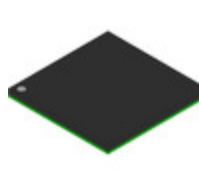
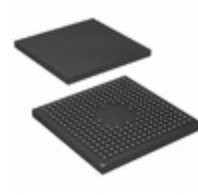


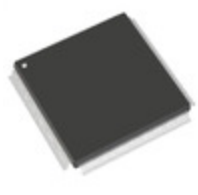
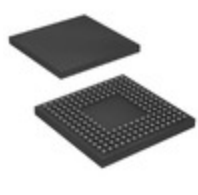
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 Cylindrical Battery Holders.pdf

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Recommended Products

					
AT91R40008-66AI Microchip Technology IC MCU 16/32BIT ROMLESS 100TQFP	AT91R4008-66AI Atmel (Microchip Technology)	AT91RM9200-CJ-002 Microchip Technology IC MCU 16/32BIT 128KB ROM 256BGA	AT91R40008-70AI Atmel (Microchip Technology)	AT91R40008-66AU Atmel IC MCU 16/32BIT ROMLESS 100LQFP	AT91M55800A-33CJ Microchip Technology IC MCU 16/32BIT ROMLESS 176BGA
					
AT91RM9200-CJ Atmel (Microchip Technology)	AT91RM9200-CJ-100 Atmel (Microchip Technology)	AT91RM9200-QC Atmel (Microchip Technology)	AT91R40008-66AU Microchip Technology IC MCU 16/32BIT ROMLESS 100LQFP	AT91RM9200-QU-002 Microchip Technology IC MCU 32BIT 128KB ROM 208PQFP	AT91RM9200-CJ-101 Atmel (Microchip Technology)
					
AT91M55800A-33CJ Atmel RISC MICROCONTROLLER, 32-BIT, AR	AT91RM9200-CI-002 Microchip Technology IC MCU 16/32BIT 128KB ROM 256BGA	AT91RM9200 Atmel (Microchip Technology)	AT91R40008-66AU-999 Microchip Technology IC MCU 16/32BIT ROMLESS 100LQFP	AT91RM9200-QI-002 Microchip Technology IC MCU 32BIT 128KB ROM 208PQFP	AT91M55800A-33CI Microchip Technology IC MCU 16/32BIT ROMLESS 176BGA

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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