



Image may be representation.
See specifications for product details.



PIC24F04KA201-I/SS

Manufacturer Part Number	PIC24F04KA201-I/SS
Manufacturer	Microchip Technology
Allelco Part Number	32D-PIC24F04KA201-I/SS
ECAD Model	PCB Symbol, Footprint & 3D Mode
Parts Description	IC MCU 16BIT 4KB FLASH 20SSOP
Package	20-SSOP (0.209", 5.30mm Width)
Data sheet	16-bit Embedded Control Solutions.pdf 16-bit Embedded Control Solutions.pdf PIC24F04KA201 Family.pdf PIC24F04KA20x Prog Spec.pdf
RoHs Status	ROHS3 Compliant

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PIC24F04KA201-I/SS - Microchip Technology. New Original in Stock. Download Linear Technology PIC24F04KA201-I/SS datasheet/specifications on AllelcoElec.com. Request a quote for PIC24F04KA201-I/SS, please send us email: info@allelco.com

Specifications

PIC24F04KA201-I/SS Tech Specifications

PIC24F04KA201-I/SS - Microchip Technology technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Microchip Technology	Oscillator Type	Internal
Voltage - Supply (Vcc/Vdd)	1.8V ~ 3.6V	Operating Temperature	-40°C ~ 85°C (TA)
Supplier Device Package	20-SSOP	Number of I/O	18
Speed	32MHz	Mounting Type	Surface Mount
Series	PIC® XLP™ 24F	EEPROM Size	-
RAM Size	512 x 8	Data Converters	A/D 9x10b
Program Memory Type	FLASH	Core Size	16-Bit
Program Memory Size	4KB (1.375K x 24)	Core Processor	PIC
Peripherals	Brown-out Detect/Reset, HLVD, POR, PWM, WDT	Connectivity	I ² C, IrDA, SPI, UART/USART
Package / Case	20-SSOP (0.209", 5.30mm Width)	Base Product Number	PIC24F04KA201
Package	Tube		

Parts with Similar Specifications

The three parts on the right have similar specifications to Microchip Technology PIC24F04KA201-I/SS

Product Attribute				
Part Number	PIC24F04KA201-I/SS	PIC24EP64GP206-E/PT	PIC24F08KA101-I/SS	PIC24F08KL301-I/SS
Manufacturer	Microchip Technology	Microchip Technology	Microchip Technology	Microchip Technology
Core Size	16-Bit	16-Bit	16-Bit	16-Bit
Voltage - Supply (Vcc/Vdd)	1.8V ~ 3.6V	3V ~ 3.6V	1.8V ~ 3.6V	1.8V ~ 3.6V
Package	Tube	Tray	Tube	Tube
Package / Case	20-SSOP (0.209", 5.30mm Width)	64-TQFP	20-SSOP (0.209", 5.30mm Width)	20-SSOP (0.209", 5.30mm Width)
Peripherals	Brown-out Detect/Reset, HLVD, POR, PWM, WDT	Brown-out Detect/Reset, DMA, POR, PWM, WDT	Brown-out Detect/Reset, POR, PWM, WDT	Brown-out Detect/Reset, HLVD, POR, PWM, WDT
Data Converters	A/D 9x10b	A/D 16x10b/12b	A/D 9x10b	-
Speed	32MHz	60 MIPs	32MHz	32MHz
Program Memory Size	4KB (1.375K x 24)	64KB (22K x 24)	8KB (2.75K x 24)	8KB (2.75K x 24)
RAM Size	512 x 8	4K x 16	1.5K x 8	1K x 8
EEPROM Size	-	-	512 x 8	256 x 8
Series	PIC® XLP™ 24F	Automotive, AEC-Q100, PIC® 24EP	PIC® XLP™ 24F	PIC® XLP™ 24F
Program Memory Type	FLASH	FLASH	FLASH	FLASH
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Base Product Number	PIC24F04KA201	PIC24EP64GP206	PIC24F08KA101	PIC24F08KL301
Connectivity	I ² C, IrDA, SPI, UART/USART	I ² C, IrDA, LINbus, SPI, UART/USART	I ² C, IrDA, SPI, UART/USART	I ² C, IrDA, LINbus, SPI, UART/USART
Operating Temperature	-40°C ~ 85°C (TA)	-40°C ~ 125°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)
Oscillator Type	Internal	Internal	Internal	Internal
Supplier Device Package	20-SSOP	64-TQFP (10x10)	20-SSOP	20-SSOP
Number of I/O	18	53	18	18
Core Processor	PIC	PIC	PIC	PIC

PIC24F04KA201-I/SS Datasheet PDF

Download PIC24F04KA201-I/SS pdf datasheets and Microchip Technology documentation for PIC24F04KA201-I/SS - Microchip Technology.

Datasheets



[16-bit Embedded Control Solutions.pdf](#)



[PIC24F04KA201 Family.pdf](#)



[PIC24F04KA20x Prog Spec.pdf](#)

PCN Packaging



Label and Packing Changes 23/Sep/2015.pdf



Packing Changes 10/Oct/2016.pdf

HTML Datasheet



16-bit Embedded Control Solutions.pdf

PCN Assembly/Origin



Leads 24/Feb/2017.pdf

Customers Also Interested in

Recommended Products



PIC24EP64GP206-E/PT

Microchip Technology
IC MCU 16BIT 64KB FLASH 64TQFP



PIC24F08KA101-I/SS

Microchip Technology
IC MCU 16BIT 8KB FLASH 20SSOP



PIC24F08KL301-I/SS

Microchip Technology
IC MCU 16BIT 8KB FLASH 20SSOP



PIC24F08KA101T-I/SO

Microchip Technology
IC MCU 16BIT 8KB FLASH 20SOIC



PIC24F08KA101-E/SS

Microchip Technology
IC MCU 16BIT 8KB FLASH 20SSOP



NO PICTURE

PIC24F-16KA-102-I/-SS

MICROCH



PIC24F08KA102-I/SP

Microchip Technology
IC MCU 16BIT 8KB FLASH 28SPDIP



PIC24F04KA200T-I/ST

Microchip Technology
IC MCU 16BIT 4KB FLASH 14TSSOP



PIC24F04KA200-I/ST

Microchip Technology
IC MCU 16BIT 4KB FLASH 14TSSOP



PIC24F04KL100-I/ST

Microchip Technology
IC MCU 16BIT 4KB FLASH 14TSSOP

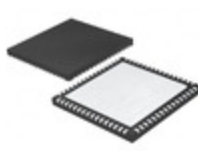


PIC24EP64GP204-I/PT

Microchip Technology
IC MCU 16BIT 64KB FLASH 44TQFP

PIC24EP64GP206-I/PT

Microchip Technology
IC MCU 16BIT 64KB FLASH 64TQFP



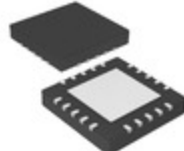
PIC24F08KA101-I/MG

Pericom Semiconductor Corp.
(Diodes Incorporated)



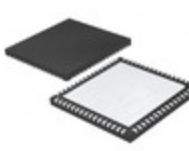
PIC24EP64MC206-I/MR

Microchip Technology
IC MCU 16BIT 64KB FLASH 64VQFN



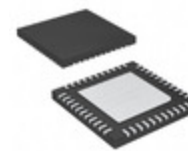
PIC24F08KL201-I/SS

Microchip Technology
IC MCU 16BIT 8KB FLASH 20SSOP



PIC24F08KA101-I/MQ

Microchip Technology
IC MCU 16BIT 8KB FLASH 20VQFN



PIC24EP64GP206-I/MR

Microchip Technology
IC MCU 16BIT 64KB FLASH 64VQFN

PIC24EP64MC204-I/ML

Microchip Technology
IC MCU 16BIT 64KB FLASH 44QFN

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

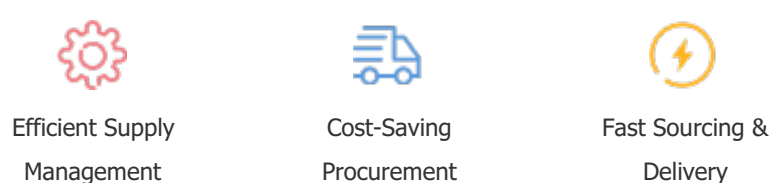
Note: The above table is for reference only. There may have some data bias for the uncontrollable factors.
Contact us if you have any questions.

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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