



Image may be representation.
See specifications for product details.



PIC24F08KL201-I/SS

Manufacturer Part Number **PIC24F08KL201-I/SS**

Manufacturer **Microchip Technology**

Allelco Part Number **32D-PIC24F08KL201-I/SS**

ECAD Model [Request Free CAD Models](#)

Parts Description **IC MCU 16BIT 8KB FLASH 20SSOP**

Package **20-SSOP (0.209", 5.30mm Width)**

Data sheet **[PIC24F16KL402 Family.pdf](#)**

[PIC24FxxKL Family Brochure.pdf](#)

RoHs Status **ROHS3 Compliant**

Get a Quote

PIC24F08KL201-I/SS - Microchip Technology, New Original in Stock. Download Linear Technology PIC24F08KL201-I/SS datasheet/specifications on AllelcoElec.com.
Request a quote for PIC24F08KL201-I/SS, please send us email: info@allelco.com

Specifications

PIC24F08KL201-I/SS Tech Specifications

PIC24F08KL201-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	17
Speed	32MHz	Mounting Type	Surface Mount
Series	PIC® XLP™ 24F	EEPROM Size	-
RAM Size	512 x 8	Data Converters	A/D 12x10b
Program Memory Type	FLASH	Core Size	16-Bit
Program Memory Size	8KB (2.75K x 24)	Core Processor	PIC
Peripherals	Brown-out Detect/Reset, HLVD, POR, PWM, WDT	Connectivity	I²C, IrDA, LINbus, SPI, UART/USART
Package / Case	20-SSOP (0.209", 5.30mm Width)	Base Product Number	PIC24F08KL201
Package	Tube		

Parts with Similar Specifications

The three parts on the right have similar specifications to Microchip Technology PIC24F08KL201-I/SS

Product Attribute				
Part Number	PIC24F08KL201-I/SS	PIC24F16KA101-I/P	PIC24F08KA101-I/MQ	PIC24F16KA102-I/ML
Manufacturer	Microchip Technology	Microchip Technology	Microchip Technology	Microchip Technology
Program Memory Size	8KB (2.75K x 24)	16KB (5.5K x 24)	8KB (2.75K x 24)	16KB (5.5K x 24)
Voltage - Supply (Vcc/Vdd)	1.8V ~ 3.6V	1.8V ~ 3.6V	1.8V ~ 3.6V	1.8V ~ 3.6V
Core Processor	PIC	PIC	PIC	PIC
Series	PIC® XLP™ 24F	PIC® XLP™ 24F	PIC® XLP™ 24F	PIC® XLP™ 24F
Program Memory Type	FLASH	FLASH	FLASH	FLASH
Base Product Number	PIC24F08KL201	PIC24F16KA101	PIC24F08KA101	PIC24F16KA102
Connectivity	I²C, IrDA, LINbus, SPI, UART/USART	I²C, IrDA, SPI, UART/USART	I²C, IrDA, SPI, UART/USART	I²C, IrDA, SPI, UART/USART
Oscillator Type	Internal	Internal	Internal	Internal
Speed	32MHz	32MHz	32MHz	32MHz
Mounting Type	Surface Mount	Through Hole	Surface Mount	Surface Mount
Core Size	16-Bit	16-Bit	16-Bit	16-Bit
Data Converters	A/D 12x10b	A/D 9x10b	A/D 9x10b	A/D 9x10b
Peripherals	Brown-out Detect/Reset, HLVD, POR, PWM, WDT	Brown-out Detect/Reset, POR, PWM, WDT	Brown-out Detect/Reset, POR, PWM, WDT	Brown-out Detect/Reset, POR, PWM, WDT
Operating Temperature	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)
Package / Case	20-SSOP (0.209", 5.30mm Width)	20-DIP (0.300", 7.62mm)	20-VQFN Exposed Pad	28-VQFN Exposed Pad
Number of I/O	17	18	18	24
Package	Tube	Tube	Tube	Tube
RAM Size	512 x 8	1.5K x 8	1.5K x 8	1.5K x 8
Supplier Device Package	20-SSOP	20-PDIP	20-VQFN (5x5)	28-QFN (6x6)
EEPROM Size	-	512 x 8	512 x 8	512 x 8

PIC24F08KL201-I/SS Datasheet PDF

Download PIC24F08KL201-I/SS pdf datasheets and Microchip Technology documentation for PIC24F08KL201-I/SS - Microchip Technology.

PCN Packaging



[Label and Packing Changes 23/Sep/2015.pdf](#)



[Packing Changes 10/Oct/2016.pdf](#)

PCN Assembly/Origin



[2.73KHz.pdf](#)

PCN Design/Specification

 PIC24F16KL402 11/Dec/2019.pdf


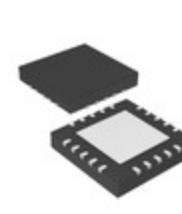
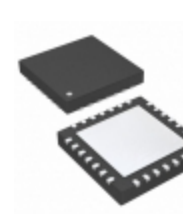





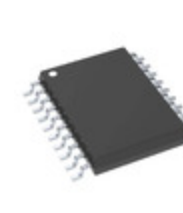


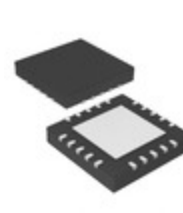

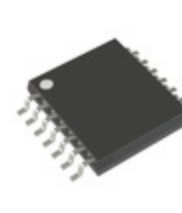
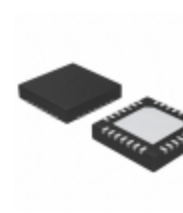



HTML Datasheet

 PIC24F16KL402 Family.pdf

 PIC24FxxKL Family Brochure.pdf

Customers Also Interested in

Recommended Products

					
PIC24F16KA101-I/P Microchip Technology IC MCU 16BIT 16KB FLASH 20DIP	PIC24F08KA101-I/MQ Microchip Technology IC MCU 16BIT 8KB FLASH 20VQFN	PIC24F16KA102-I/ML Microchip Technology IC MCU 16BIT 16KB FLASH 28QFN	PIC24F16KA102-I/SO Microchip Technology IC MCU 16BIT 16KB FLASH 28SOIC	PIC24F08KL301-I/SS Microchip Technology IC MCU 16BIT 8KB FLASH 20SSOP	PIC24F04KA201-I/SS Microchip Technology IC MCU 16BIT 4KB FLASH 20SSOP
					
PIC24F08KA101-E/SS Microchip Technology IC MCU 16BIT 8KB FLASH 20SSOP	PIC24F08KA101T-I/SO Microchip Technology IC MCU 16BIT 8KB FLASH 20SOIC	PIC24F08KA101-I/SS Microchip Technology IC MCU 16BIT 8KB FLASH 20SSOP	PIC24F08KL302-E/SO Microchip Technology IC MCU 16BIT 8KB FLASH 28SOIC	PIC24F08KL401-I/SS Microchip Technology IC MCU 16BIT 8KB FLASH 20SSOP	PIC24F16KA101-I/MQ Microchip Technology IC MCU 16BIT 16KB FLASH 20VQFN
					
PIC24F16KA101-I/SS Microchip Technology IC MCU 16BIT 16KB FLASH 20SSOP	PIC24F04KA200T-I/ST Microchip Technology IC MCU 16BIT 4KB FLASH 14TSSOP	PIC24F08KL302T-I/MQ Microchip Technology IC MCU 16BIT 8KB FLASH 28QFN	PIC24F08KA101-I/MG Pericom Semiconductor Corp. (Diodes Incorporated)	PIC24F08KA102-I/SP Microchip Technology IC MCU 16BIT 8KB FLASH 28SPDIP	PIC24F04KL100-I/ST Microchip Technology IC MCU 16BIT 4KB FLASH 14TSSOP

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

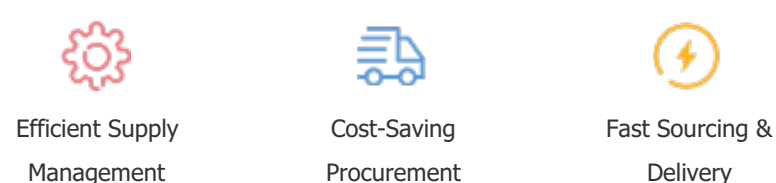
Note: The above table is for reference only. There may have some data bias for the uncontrollable factors.
Contact us if you have any questions.

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 -



Contact us if you have any questions.



Certifications & Memberships



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