



Image may be representation.
See specifications for product details.



PIC18F14K50-I/SS

Manufacturer Part Number **PIC18F14K50-I/SS**

Manufacturer **Microchip Technology**

Allelco Part Number **32D-PIC18F14K50-I/SS**

ECAD Model PCB Symbol, Footprint & 3D Model

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

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

Data sheet **[Next Generation Peripherals Brochure.pdf](#)**

[PIC18F1xK50 Product Brief.pdf](#)

RoHs Status **ROHS3 Compliant**

Get a Quote

PIC18F14K50-I/SS - Microchip Technology. New Original in Stock. Download Linear Technology PIC18F14K50-I/SS datasheet/specifications on AllelcoElec.com.
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Specifications

PIC18F14K50-I/SS Tech Specifications

PIC18F14K50-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 ~ 5.5V	Operating Temperature	-40°C ~ 85°C (TA)
Supplier Device Package	20-SSOP	Number of I/O	14
Speed	48MHz	Mounting Type	Surface Mount
Series	PIC® XLP™ 18K	EEPROM Size	256 x 8
RAM Size	768 x 8	Data Converters	A/D 11x10b
Program Memory Type	FLASH	Core Size	8-Bit
Program Memory Size	16KB (8K x 16)	Core Processor	PIC
Peripherals	Brown-out Detect/Reset, POR, PWM, WDT	Connectivity	I²C, SPI, UART/USART, USB
Package / Case	20-SSOP (0.209', 5.30mm Width)	Base Product Number	PIC18F14
Package	Tube		

Parts with Similar Specifications

The three parts on the right have similar specifications to Microchip Technology PIC18F14K50-I/SS

Product Attribute				
Part Number	PIC18F14K50-I/SS	PIC18F14K50-I/MQ	PIC18F14K22T-I/SS	PIC18F14K22T-I/SO
Manufacturer	Microchip Technology	Microchip Technology	Microchip Technology	Microchip Technology
Core Size	8-Bit	8-Bit	8-Bit	8-Bit
EEPROM Size	256 x 8	256 x 8	256 x 8	256 x 8
Number of I/O	14	14	17	17
Voltage - Supply (Vcc/Vdd)	1.8V ~ 5.5V	1.8V ~ 5.5V	2.3V ~ 5.5V	2.3V ~ 5.5V
Peripherals	Brown-out Detect/Reset, POR, PWM, WDT	Brown-out Detect/Reset, POR, PWM, WDT	Brown-out Detect/Reset, POR, PWM, WDT	Brown-out Detect/Reset, POR, PWM, WDT
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
RAM Size	768 x 8	768 x 8	512 x 8	512 x 8
Series	PIC® XLP™ 18K	PIC® XLP™ 18K	PIC® XLP™ 18K	PIC® XLP™ 18K
Speed	48MHz	48MHz	64MHz	64MHz
Oscillator Type	Internal	Internal	Internal	Internal
Operating Temperature	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)
Package	Tube	Tube	Tape & Reel (TR)	Tape & Reel (TR)
Base Product Number	PIC18F14	PIC18F14	PIC18F14	PIC18F14
Supplier Device Package	20-SSOP	20-VQFN (5x5)	20-SSOP	20-SOIC
Package / Case	20-SSOP (0.209', 5.30mm Width)	20-VQFN Exposed Pad	20-SSOP (0.209', 5.30mm Width)	20-SOIC (0.295", 7.50mm Width)
Program Memory Size	16KB (8K x 16)	16KB (8K x 16)	16KB (8K x 16)	16KB (8K x 16)
Core Processor	PIC	PIC	PIC	PIC
Program Memory Type	FLASH	FLASH	FLASH	FLASH
Data Converters	A/D 11x10b	A/D 11x10b	A/D 12x10b	A/D 12x10b
Connectivity	I²C, SPI, UART/USART, USB	I²C, SPI, UART/USART, USB	I²C, LINbus, SPI, UART/USART	I²C, LINbus, SPI, UART/USART

PIC18F14K50-I/SS Datasheet PDF

Download PIC18F14K50-I/SS pdf datasheets and Microchip Technology documentation for PIC18F14K50-I/SS - Microchip Technology.

PCN Packaging

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

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

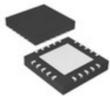
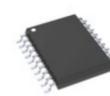
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Customers Also Interested in

Recommended Products

					
PIC18F14K50-I/MQ Microchip Technology IC MCU 8BIT 16KB FLASH 20VQFN	PIC18F14K22T-I/SS Microchip Technology IC MCU 8BIT 16KB FLASH 20SSOP	PIC18F14K22T-I/SO Microchip Technology IC MCU 8BIT 16KB FLASH 20SOIC		PIC18F2221-I/SO Microchip Technology IC MCU 8BIT 4KB FLASH 28SOIC	PIC18F14K22-I/SO Microchip Technology IC MCU 8BIT 16KB FLASH 20SOIC
					
PIC18F2321-E/SS Microchip Technology IC MCU 8BIT 8KB FLASH 28SSOP	PIC18F14K50-I/P Microchip Technology IC MCU 8BIT 16KB FLASH 20DIP	PIC18F2221-E/SP Microchip Technology IC MCU 8BIT 4KB FLASH 28SPDIP	PIC18F15Q40-I/SO Microchip Technology IC MCU 8BIT 32KB FLASH 20SOIC	PIC18F14K22-E/SS Microchip Technology IC MCU 8BIT 16KB FLASH 20SSOP	PIC18F2320T-I/SO Microchip Technology IC MCU 8BIT 8KB FLASH 28SOIC
					
PIC18F13K50T-I/MQ MICROCH	PIC18F2320-I/SP Microchip Technology IC MCU 8BIT 8KB FLASH 28SPDIP	PIC18F14K22-I/ML Microchip Technology IC MCU 8BIT 16KB FLASH 20QFN	PIC18F2220-I/SO Microchip Technology IC MCU 8BIT 4KB FLASH 28SOIC	PIC18F14K50-I/SO Microchip Technology IC MCU 8BIT 16KB FLASH 20SOIC	PIC18F14K22-I/SS Microchip Technology IC MCU 8BIT 16KB FLASH 20SSOP

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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