

Image may be representation.
See specifications for product details.



ATTINY1614-SSFR

Manufacturer Part Number	ATTINY1614-SSFR
Manufacturer	Microchip Technology
Allelco Part Number	32D-ATTINY1614-SSFR
ECAD Model	PCB Symbol, Footprint & 3D Mode
Parts Description	IC MCU 8BIT 16KB FLASH 14SOIC
Package	14-SOIC (0.154", 3.90mm Width)
Data sheet	ATTiny1614/16/17.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

ATTINY1614-SSFR - Microchip Technology.New Original in Stock. Download Linear Technology ATTINY1614-SSFR datasheet/specifications on AllelcoElec.com. Request a quote for ATTINY1614-SSFR, please send us email: info@allelco.com

Specifications

ATTINY1614-SSFR Tech Specifications
ATTINY1614-SSFR - Microchip Technology technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Microchip Technology	Oscillator Type	Internal
Voltage - Supply (Vcc/Vdd)	2.7V ~ 5.5V	Operating Temperature	-40°C ~ 125°C (TA)
Supplier Device Package	14-SOIC	Number of I/O	12
Speed	16MHz	Mounting Type	Surface Mount
Series	tinyAVR™ 1, Functional Safety (FuSa)	EEPROM Size	256 x 8
RAM Size	2K x 8	Data Converters	A/D 14x10b; D/A 3x8b
Program Memory Type	FLASH	Core Size	8-Bit
Program Memory Size	16KB (16K x 8)	Core Processor	AVR
Peripherals	Brown-out Detect/Reset, POR, PWM, WDT	Connectivity	I²C, IrDA, LINbus, SPI, UART/USART
Package / Case	14-SOIC (0.154", 3.90mm Width)	Base Product Number	ATTINY1614
Package	Tape & Reel (TR)		

Parts with Similar Specifications

The three parts on the right have similar specifications to Microchip Technology ATTINY1614-SSFR

Product Attribute				
Part Number	ATTINY1614-SSFR	ATTINY1606-MF	ATTINY1606-SFR	ATTINY1616-MFR
Manufacturer	Microchip Technology	Microchip Technology	Microchip Technology	Microchip Technology
Speed	16MHz	16MHz	16MHz	16MHz
Voltage - Supply (Vcc/Vdd)	2.7V ~ 5.5V	2.7V ~ 5.5V	2.7V ~ 5.5V	2.7V ~ 5.5V
RAM Size	2K x 8	1K x 8	1K x 8	2K x 8
Oscillator Type	Internal	Internal	Internal	Internal
Package	Tape & Reel (TR)	Tray	Tape & Reel (TR)	Tape & Reel (TR)
Program Memory Size	16KB (16K x 8)	16KB (16K x 8)	16KB (16K x 8)	16KB (16K x 8)
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
Connectivity	I²C, IrDA, LINbus, SPI, UART/USART	I²C, SPI, UART/USART	I²C, SPI, UART/USART	I²C, IrDA, LINbus, SPI, UART/USART
Core Processor	AVR	AVR	AVR	AVR
Data Converters	A/D 14x10b; D/A 3x8b	A/D 12x10b	A/D 12x10b	A/D 20x10b; D/A 3x8b
Supplier Device Package	14-SOIC	20-VQFN (3x3)	20-SOIC	20-VQFN (3x3)
Number of I/O	12	18	18	18
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
EEPROM Size	256 x 8	256 x 8	256 x 8	256 x 8
Base Product Number	ATTINY1614	ATTINY1606	ATTINY1606	ATTINY1616
Operating Temperature	-40°C ~ 125°C (TA)	-40°C ~ 125°C (TA)	-40°C ~ 125°C (TA)	-40°C ~ 125°C (TA)
Package / Case	14-SOIC (0.154", 3.90mm Width)	20-VFQFN Exposed Pad	20-SOIC (0.295", 7.50mm Width)	20-VFQFN Exposed Pad
Core Size	8-Bit	8-Bit	8-Bit	8-Bit
Program Memory Type	FLASH	FLASH	FLASH	FLASH
Series	tinyAVR™ 1, Functional Safety (FuSa)	tinyAVR™ 0, Functional Safety (FuSa)	tinyAVR™ 0, Functional Safety (FuSa)	tinyAVR™ 1, Functional Safety (FuSa)

ATTINY1614-SSFR Datasheet PDF

Download ATTINY1614-SSFR pdf datasheets and Microchip Technology documentation for ATTINY1614-SSFR - Microchip Technology.

PCN Packaging


[MBB/Label Chgs 16/Nov/2018.pdf](#)

[Packing Changes 03/Jun/2022.pdf](#)

PCN Design/Specification

[Marking Chgs 11/Jul/2017.pdf](#)

[ATTiny1614 05/Jul/2019.pdf](#)




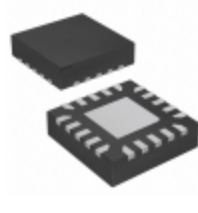



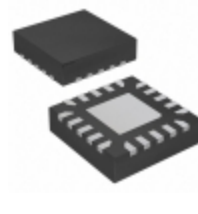

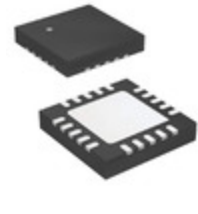


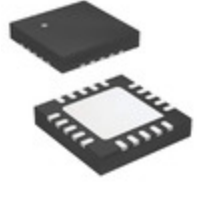
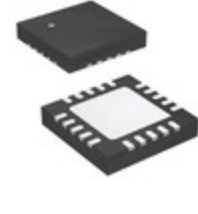
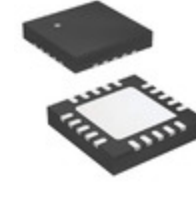



 ATtiny1614/16/17.pdf

PCN Assembly/Origin

 ATTINY16x/ATTINY4x/ATTINY2x/ATTINY8x/ATTINY3224/PI.pdf

 Customers Also Interested in

Recommended Products

					
ATTINY1606-MF Microchip Technology IC MCU 8BIT 16KB FLASH 20VQFN	ATTINY1616-MB Atmel (Microchip Technology)	ATTINY1606-SFR Microchip Technology IC MCU 8BIT 16KB FLASH 20SOIC	ATTINY1616-MFR Microchip Technology IC MCU 8BIT 16KB FLASH 20VQFN	ATTINY1604N Atmel (Microchip Technology)	ATTINY1604-SSNR Microchip Technology IC MCU 8BIT 16KB FLASH 14SOIC
					
ATTINY1607-MN Microchip Technology IC MCU 8BIT 16KB FLASH 24VQFN	ATTINY1616-MNR Microchip Technology IC MCU 8BIT 16KB FLASH 20VQFN	ATTINY1614N Atmel (Microchip Technology)	ATTINY1606-MFR Microchip Technology IC MCU 8BIT 16KB FLASH 20VQFN	ATTINY1607-MFR Microchip Technology IC MCU 8BIT 16KB FLASH 24VQFN	ATTINY1607-MNR Microchip Technology IC MCU 8BIT 16KB FLASH 24VQFN
					
ATTINY1616-MZT-VAO Microchip Technology IC MCU 8BIT 16KB FLASH 20VQFN	ATTINY1616-MBT-VAO Microchip Technology IC MCU 8BIT 16KB FLASH 20VQFN	ATTINY1606-MN Microchip Technology IC MCU 8BIT 16KB FLASH 20VQFN	ATTINY1616-SFR Microchip Technology IC MCU 8BIT 16KB FLASH 20SOIC	ATTINY1614-SSNR Microchip Technology IC MCU 8BIT 16KB FLASH 14SOIC	ATTINY1607-MF Microchip Technology IC MCU 8BIT 16KB FLASH 24VQFN

 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 -

 Efficient Supply Management	 Cost-Saving Procurement	 Fast Sourcing & Delivery
---	---	--

Contact us if you have any questions.

 Phone +00852 9146 4856	 Email info@allelco.com
--	--

Certifications & Memberships



[View More](#)

Contact us

Address: Flat/Rm C 13/F Harvard Commercial Building 105-111 Thomson Road, Wan Chai, Hong Kong
Phone: +00852 9146 4856
Fax: +00852 3010 8510
Email: info@Allelco.com

