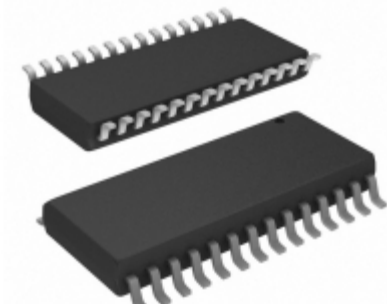


PIC18C242T-I/SO



Images are for reference only.
See Product Specifications for product details.
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Part Number: [PIC18C242T-I/SO](#)

Manufacturer: [Micrel / Microchip Technology](#)

Description: IC MCU 8BIT 16KB OTP 28SOIC

Data sheet:  [Tips N Tricks Guide](#)
 [Timer1 Errata](#)
 [PIC18Cxx2 Revision B Errata](#)
 [PIC18Cxx2](#)
 [MSSP Module Silicon, Data Sheet Errata](#)

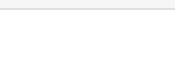
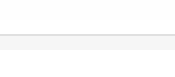
RoHs Status: Lead free / RoHS Compliant

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PRODUCT PARAMETER			
Part Number	PIC18C242T-I/SO	Manufacturer	Micrel / Microchip Technology
Description	IC MCU 8BIT 16KB OTP 28SOIC	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	5081 pcs	Data sheet	Tips N Tricks Guide Timer1 Errata PIC18Cxx2 Revision B Errata PIC18Cxx2 MSSP Module Silicon, Data Sheet Errata
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	4.2 V ~ 5.5 V
Supplier Device Package	28-SOIC	Speed	40MHz
Series	PIC® 18C	RAM Size	512 x 8
Program Memory Type	OTP	Program Memory Size	16KB (8K x 16)
Peripherals	Brown-out Detect/Reset, LVD, POR, PWM, WDT	Packaging	Tape & Reel (TR)
Package / Case	28-SOIC (0.295", 7.50mm Width)	Oscillator Type	External
Operating Temperature	-40°C ~ 85°C (TA)	Number of I/O	22
Moisture Sensitivity Level (MSL)	1 (Unlimited)	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
EEPROM Size	-	Detailed Description	PIC PIC® 18C Microcontroller IC 8-Bit 40MHz 16KB (8K x 16) OTP 28-SOIC
Data Converters	A/D 5x10b	Core Size	8-Bit
Core Processor	PIC	Connectivity	I²C, SPI, UART/USART
Base Part Number	PIC18C242		
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	Part#: PIC17LC766T-08/L Description: IC MCU 8BIT 32KB OTP 84PLCC	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: PIC18C242-I/SP Description: IC MCU 8BIT 16KB OTP 28SDIP	Manufacturers: Micrel / Microchip Technology	RFQ
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	Part#: PIC18C252T-I/SO Description: IC MCU 8BIT 32KB OTP 28SOIC	Manufacturers: Micrel / Microchip Technology	RFQ
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	Part#: PIC17LC766T-08/L Description: IC MCU 8BIT 32KB OTP 84PLCC	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: PIC18C252-E/SO Description: IC MCU 8BIT 32KB OTP 28SOIC	Manufacturers: Micrel / Microchip Technology	RFQ
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