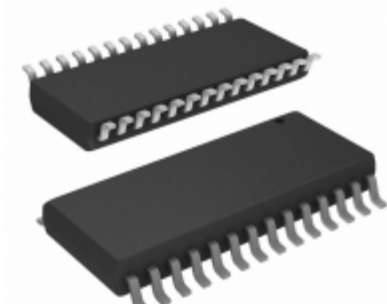


PIC16C642T-20/SO



Images are for reference only.
See Product Specifications for product details.
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Part Number: [PIC16C642T-20/SO](#)

Manufacturer: [Micrel / Microchip Technology](#)

Description: IC MCU 8BIT 7KB OTP 28SOIC

Data sheet: [PDF Tips N Tricks Guide](#)
[PDF PIC16C64x, PIC16C66x](#)
[PDF PIC16C642 Rev. A Silicon Errata Sheet](#)
[PDF MPLAB® ICE2000 Spec](#)

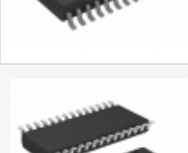
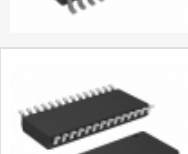
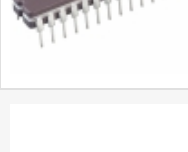
RoHs Status: Lead free / RoHS Compliant

Ship From: Hong Kong

Shipment Way: DHL/Fedex/TNT/UPS/EMS

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PRODUCT PARAMETER			
Part Number	PIC16C642T-20/SO	Manufacturer	Micrel / Microchip Technology
Description	IC MCU 8BIT 7KB OTP 28SOIC	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	5354 pcs	Data sheet	Tips N Tricks Guide PIC16C64x, PIC16C66x PIC16C642 Rev. A Silicon Errata Sheet MPLAB® ICE2000 Spec
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	4 V ~ 6 V
Supplier Device Package	28-SOIC	Speed	20MHz
Series	PIC® 16C	RAM Size	176 x 8
Program Memory Type	OTP	Program Memory Size	7KB (4K x 14)
Peripherals	Brown-out Detect/Reset, LED, POR, WDT	Packaging	Tape & Reel (TR)
Package / Case	28-SOIC (0.295", 7.50mm Width)	Oscillator Type	External
Operating Temperature	0°C ~ 70°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® 16C Microcontroller IC 8-Bit 20MHz 7KB (4K x 14) OTP 28-SOIC
Data Converters	-	Core Size	8-Bit
Core Processor	PIC	Connectivity	-
Base Part Number	PIC16C642		
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	Part#: PIC16C642T-10E/SO Description: IC MCU 8BIT 7KB OTP 28SOIC	Manufacturers: Micrel / Microchip Technology	RFQ
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	Part#: PIC16C642/JW Description: IC MCU 8BIT 7KB EPROM 28CDIP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: PIC16C64A-04E/L Description: IC MCU 8BIT 3.5KB OTP 44PLCC	Manufacturers: Micrel / Microchip Technology	RFQ

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