

## PIC18C442T-E/L



### Microchip Technology

IC MCU 8BIT 16KB OTP 44PLCC  
Lead free / RoHS Compliant  
Integrated Circuits (ICs)

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### Specifications

<b>Voltage - Supply (Vcc/Vdd):</b>	4.2 V ~ 5.5 V
<b>Supplier Device Package:</b>	44-PLCC (16.59x16.59)
<b>Speed:</b>	40MHz
<b>Series:</b>	PIC® 18C
<b>RAM Size:</b>	512 x 8
<b>Program Memory Type:</b>	OTP
<b>Program Memory Size:</b>	16KB (8K x 16)
<b>Peripherals:</b>	Brown-out Detect/Reset, LVD, POR, PWM, WDT
<b>Packaging:</b>	Tape & Reel (TR)
<b>Package / Case:</b>	44-LCC (J-Lead)
<b>Oscillator Type:</b>	External
<b>Operating Temperature:</b>	-40°C ~ 125°C (TA)
<b>Number of I/O:</b>	33
<b>EEPROM Size:</b>	-
<b>Data Converters:</b>	A/D 8x10b
<b>Core Size:</b>	8-Bit
<b>Core Processor:</b>	PIC
<b>Connectivity:</b>	I <sup>2</sup> C, SPI, UART/USART

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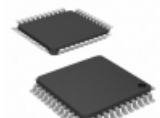
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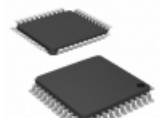
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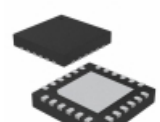
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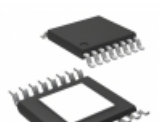
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