



Micrel / Microchip Technology

## PIC16F18424T-I/SL

Part Number:	PIC16F18424T-I/SL
Manufacturer/Brand:	Micrel / Microchip Technology
Product description:	COMPARATOR, DAC, 12-BIT ADCC
Datasheets:	<a href="#">1.PIC16F18424T-I/SL.pdf</a> <a href="#">2.PIC16F18424T-I/SL.pdf</a>
RoHS Status:	Lead free / RoHS Compliant
Stock Condition:	120492 pcs stock
Ship From:	Hong Kong
Shipment Way:	DHL/Fedex/TNT/UPS/EMS

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Image may be representation. See specifications for product details.

### Specifications of PIC16F18424T-I/SL

PART NUMBER	PIC16F18424T-I/SL
MANUFACTURER	Micrel / Microchip Technology
DESCRIPTION	COMPARATOR, DAC, 12-BIT ADCC
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	120492 pcs
DATA SHEET	<a href="#">1.PIC16F18424T-I/SL.pdf</a> <a href="#">2.PIC16F18424T-I/SL.pdf</a>
VOLTAGE - SUPPLY (VCC/VDD)	2.3 V ~ 5.5 V
SUPPLIER DEVICE PACKAGE	14-SOIC
SPEED	32MHz
SERIES	PIC® XLP™ 16F
RAM SIZE	512 x 8
PROGRAM MEMORY TYPE	FLASH
PROGRAM MEMORY SIZE	7KB (4K x 14)
PERIPHERALS	Brown-out Detect/Reset, POR, PWM, WDT
PACKAGING	Tape & Reel (TR)
PACKAGE / CASE	14-SOIC (0.154", 3.90mm Width)
OTHER NAMES	PIC16F18424T-I/SLTR
OSCILLATOR TYPE	Internal
OPERATING TEMPERATURE	-40°C ~ 85°C (TA)
NUMBER OF I/O	11
MOISTURE SENSITIVITY LEVEL (MSL)	3 (168 Hours)
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
EEPROM SIZE	256 x 8
DETAILED DESCRIPTION	PIC PIC® XLP™ 16F Microcontroller IC 8-Bit 32MHz 7KB (4K x 14) FLASH 14-SOIC
DATA CONVERTERS	A/D 11x12b, D/A 1x5b
CORE SIZE	8-Bit
CORE PROCESSOR	PIC
CONNECTIVITY	I <sup>2</sup> C, LINbus, SPI, UART/USART

### Related Tags

Micrel / Microchip Technology PIC16F18424T-I/SL	PIC16F18424T-I/SL Distributor	PIC16F18424T-I/SL Supplier
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PIC16F18424T-I/SL PDF Datasheet	PIC16F18424T-I/SL Download Datasheet	PIC16F18424T-I/SL Datasheet
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### Related Products

<p><b>PIC16F18425-E/ST</b>                  Manufacturers: Micrel / Microchip Technology                  Description: COMPARATOR, DAC, 12-BIT ADCC                  In stock: 68227 pcs  <a href="#">RFQ</a></p>	<p><b>PIC16F18424-I/SL</b>                  Manufacturers: Micrel / Microchip Technology                  Description: COMPARATOR, DAC, 12-BIT ADCC                  In stock: 103661 pcs  <a href="#">RFQ</a></p>
<p><b>PIC16F18424-E/ST</b>                  Manufacturers: Micrel / Microchip Technology                  Description: COMPARATOR, DAC, 12-BIT ADCC                  In stock: 77581 pcs  <a href="#">RFQ</a></p>	<p><b>PIC16F18424-E/SL</b>                  Manufacturers: Micrel / Microchip Technology                  Description: COMPARATOR, DAC, 12-BIT ADCC                  In stock: 77904 pcs  <a href="#">RFQ</a></p>
<p><b>PIC16F18425-E/P</b>                  Manufacturers: Micrel / Microchip Technology                  Description: COMPARATOR, DAC, 12-BIT ADCC                  In stock: 67546 pcs  <a href="#">RFQ</a></p>	<p><b>PIC16F18424T-I/ST</b>                  Manufacturers: Micrel / Microchip Technology                  Description: COMPARATOR, DAC, 12-BIT ADCC                  In stock: 100577 pcs  <a href="#">RFQ</a></p>
<p><b>PIC16F18424-I/JQ</b>                  Manufacturers: Micrel / Microchip Technology                  Description: COMPARATOR, DAC, 12-BIT ADCC                  In stock: 96271 pcs  <a href="#">RFQ</a></p>	<p><b>PIC16F18425-I/JQ</b>                  Manufacturers: Micrel / Microchip Technology                  Description: COMPARATOR, DAC, 12-BIT ADCC                  In stock: 71967 pcs  <a href="#">RFQ</a></p>
<p><b>PIC16F18425-E/SL</b>                  Manufacturers: Micrel / Microchip Technology                  Description: COMPARATOR, DAC, 12-BIT ADCC                  In stock: 66416 pcs  <a href="#">RFQ</a></p>	<p><b>PIC16F18424-I/P</b>                  Manufacturers: Micrel / Microchip Technology                  Description: COMPARATOR, DAC, 12-BIT ADCC                  In stock: 78801 pcs  <a href="#">RFQ</a></p>
<p><b>PIC16F18424-I/ST</b>                  Manufacturers: Micrel / Microchip Technology                  Description: COMPARATOR, DAC, 12-BIT ADCC                  In stock: 100323 pcs  <a href="#">RFQ</a></p>	<p><b>PIC16F18425-E/JQ</b>                  Manufacturers: Micrel / Microchip Technology                  Description: COMPARATOR, DAC, 12-BIT ADCC                  In stock: 83903 pcs  <a href="#">RFQ</a></p>