




Micrel / Microchip Technology

## PIC16LF870-I/SS

Part Number: PIC16LF870-I/SS  
 Manufacturer/Brand: Micrel / Microchip Technology  
 Product description: IC MCU 8BIT 3.5KB FLASH 28SSOP  
 Datasheets: [1.PIC16LF870-I/SS.pdf](#)  
[2.PIC16LF870-I/SS.pdf](#)  
 RoHS Status:  Lead free / RoHS Compliant  
 Ship From: Hong Kong  
 Shipment Way: DHL/Fedex/TNT/UPS/EMS

[REQUEST FOR QUOTATION](#)

Image may be representation. See specifications for product details.

### Specifications of PIC16LF870-I/SS

PART NUMBER	PIC16LF870-I/SS
MANUFACTURER	Micrel / Microchip Technology
DESCRIPTION	IC MCU 8BIT 3.5KB FLASH 28SSOP
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	<a href="#">1.PIC16LF870-I/SS.pdf</a> <a href="#">2.PIC16LF870-I/SS.pdf</a>
VOLTAGE - SUPPLY (VCC/VDD)	2 V ~ 5.5 V
SUPPLIER DEVICE PACKAGE	28-SSOP
SPEED	20MHz
SERIES	PIC® 16F
RAM SIZE	128 x 8
PROGRAM MEMORY TYPE	FLASH
PROGRAM MEMORY SIZE	3.5KB (2K x 14)
PERIPHERALS	Brown-out Detect/Reset, POR, PWM, WDT
PACKAGING	Tube
PACKAGE / CASE	28-SSOP (0.209", 5.30mm Width)
OTHER NAMES	PIC16LF870ISS
OSCILLATOR TYPE	External
OPERATING TEMPERATURE	-40°C ~ 85°C (TA)
NUMBER OF I/O	22
MOISTURE SENSITIVITY LEVEL (MSL)	1 (Unlimited)
MANUFACTURER STANDARD LEAD TIME	11 Weeks
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
EEPROM SIZE	64 x 8
DETAILED DESCRIPTION	PIC PIC® 16F Microcontroller IC 8-Bit 20MHz 3.5KB (2K x 14) FLASH 28-SSOP
DATA CONVERTERS	A/D 5x10b
CORE SIZE	8-Bit
CORE PROCESSOR	PIC
CONNECTIVITY	UART/USART
BASE PART NUMBER	PIC16LF870

### Related Tags

Micrel / Microchip Technology PIC16LF870-I/SS	PIC16LF870-I/SS Distributor	PIC16LF870-I/SS Supplier
PIC16LF870-I/SS Price	PIC16LF870-I/SS Pictures	PIC16LF870-I/SS Image
PIC16LF870-I/SS PDF Datasheet	PIC16LF870-I/SS Download Datasheet	PIC16LF870-I/SS Datasheet
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### Related Products

 <p><b>PIC16LF871T-I/L</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC MCU 8BIT 3.5KB FLASH 44PLCC                  In stock: Out stock  <a href="#">RFQ</a></p>	 <p><b>PIC16LF871-I/P</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC MCU 8BIT 3.5KB FLASH 40DIP                  In stock: Out stock  <a href="#">RFQ</a></p>
 <p><b>PIC16LF871-I/L</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC MCU 8BIT 3.5KB FLASH 44PLCC                  In stock: Out stock  <a href="#">RFQ</a></p>	 <p><b>PIC16LF870-I/SP</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC MCU 8BIT 3.5KB FLASH 28SDIP                  In stock: Out stock  <a href="#">RFQ</a></p>
 <p><b>PIC16LF87-I/ML</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC MCU 8BIT 7KB FLASH 28QFN                  In stock: Out stock  <a href="#">RFQ</a></p>	 <p><b>PIC16LF87-I/P</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC MCU 8BIT 7KB FLASH 18DIP                  In stock: 135 pcs  <a href="#">RFQ</a></p>
 <p><b>PIC16LF870T-I/SS</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC MCU 8BIT 3.5KB FLASH 28SSOP                  In stock: Out stock  <a href="#">RFQ</a></p>	 <p><b>PIC16LF871-I/PT</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC MCU 8BIT 3.5KB FLASH 44TQFP                  In stock: 160 pcs  <a href="#">RFQ</a></p>
 <p><b>PIC16LF870T-I/SO</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC MCU 8BIT 3.5KB FLASH 28SOIC                  In stock: Out stock  <a href="#">RFQ</a></p>	 <p><b>PIC16LF87-I/SS</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC MCU 8BIT 7KB FLASH 20SSOP                  In stock: Out stock  <a href="#">RFQ</a></p>
 <p><b>PIC16LF870-I/SO</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC MCU 8BIT 3.5KB FLASH 28SOIC                  In stock: 70 pcs  <a href="#">RFQ</a></p>	 <p><b>PIC16LF87-I/SO</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC MCU 8BIT 7KB FLASH 18SOIC                  In stock: 894 pcs  <a href="#">RFQ</a></p>

