

PIC18LF458-I/L



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Part Number: [PIC18LF458-I/L](#)

Manufacturer: [Micrel / Microchip Technology](#)

Description: IC MCU 8BIT 32KB FLASH 44PLCC

Data sheet:  [PIC18F2x8, 4x8 Data Sheet](#)
 [PIC18F2x8, 4x8 Revision B4 Errata](#)
 [PIC18Fxx8 Rev. C0 Silicon Errata Sheet](#)
 [Timer1 Errata](#)
 [PIC18Fxx2, xx8 Programming Specification](#)

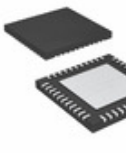
RoHs Status: Lead free / RoHS Compliant

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Request For Quotation

PRODUCT PARAMETER			
Part Number	PIC18LF458-I/L	Manufacturer	Micrel / Microchip Technology
Description	IC MCU 8BIT 32KB FLASH 44PLCC	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	13276 pcs	Data sheet	PIC18F2x8, 4x8 Data Sheet PIC18F2x8, 4x8 Revision B4 Errata PIC18Fxx8 Rev. C0 Silicon Errata Sheet Timer1 Errata PIC18Fxx2, xx8 Programming Specification
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	2 V ~ 5.5 V
Supplier Device Package	44-PLCC (16.59x16.59)	Speed	40MHz
Series	PIC® 18F	RAM Size	1.5K x 8
Program Memory Type	FLASH	Program Memory Size	32KB (16K x 16)
Peripherals	Brown-out Detect/Reset, LVD, POR, PWM, WDT	Packaging	Tube
Package / Case	44-LCC (J-Lead)	Other Names	PIC18LF458IL
Oscillator Type	External	Operating Temperature	-40°C ~ 85°C (TA)
Number of I/O	33	Moisture Sensitivity Level (MSL)	1 (Unlimited)
Manufacturer Standard Lead Time	25 Weeks	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
EEPROM Size	256 x 8	Detailed Description	PIC PIC® 18F Microcontroller IC 8-Bit 40MHz 32KB (16K x 16) FLASH 44-PLCC (16.59x16.59)
Data Converters	A/D 8x10b	Core Size	8-Bit
Core Processor	PIC	Connectivity	CANbus, I²C, SPI, UART/USART
Base Part Number	PIC18LF458		
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	Part#: PIC18LF4580T-I/ML Description: IC MCU 8BIT 32KB FLASH 44QFN	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: PIC18LF4553T-I/PT Description: IC MCU 8BIT 32KB FLASH 44TQFP	Manufacturers: Micrel / Microchip Technology	RFQ
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