

PIC16F684-I/ML



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Part Number: [PIC16F684-I/ML](#)

Manufacturer: [Micrel / Microchip Technology](#)

Description: IC MCU 8BIT 3.5KB FLASH 16QFN

Data sheet:  [PIC12F6xx,PIC16F6xx Programming Spec](#)
 [Tips N Tricks Guide](#)
 [Timer1 Errata](#)
 [PIC16F684 Product Brief](#)
 [PIC16F684 Revision A Errata](#)
 [PICmicro™ Reference Manual](#)
 [PIC16F684](#)

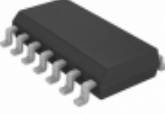
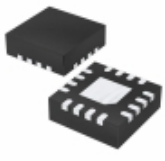
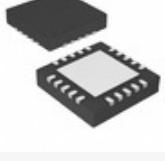
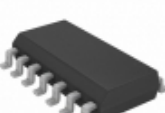
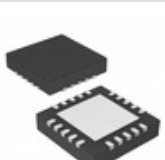
RoHs Status: Lead free / RoHS Compliant

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PRODUCT PARAMETER			
Part Number	PIC16F684-I/ML	Manufacturer	Micrel / Microchip Technology
Description	IC MCU 8BIT 3.5KB FLASH 16QFN	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	83996 pcs	Data sheet	PIC12F6xx,PIC16F6xx Programming Spec Tips N Tricks Guide Timer1 Errata PIC16F684 Product Brief PIC16F684 Revision A Errata PICmicro™ Reference Manual PIC16F684
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	2 V ~ 5.5 V
Supplier Device Package	16-QFN (4x4)	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	16-VQFN Exposed Pad	Other Names	PIC16F684IML
Oscillator Type	Internal	Operating Temperature	-40°C ~ 85°C (TA)
Number of I/O	12	Moisture Sensitivity Level (MSL)	1 (Unlimited)
Manufacturer Standard Lead Time	5 Weeks	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
EEPROM Size	256 x 8	Detailed Description	PIC PIC® 16F Microcontroller IC 8-Bit 20MHz 3.5KB (2K x 14) FLASH 16-QFN (4x4)
Data Converters	A/D 8x10b	Core Size	8-Bit
Core Processor	PIC	Connectivity	-
Base Part Number	PIC16F684		
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