MULTICOMP 62432N22 B3 Ferrite Bead, 49Ω, 23NB Series, 5A, 0.0006Ω

Manufacturers	Microchip Technology, Inc
Package/Case	TQFP-44
Product Type	Embedded Processors & Controllers
RoHS	
Lifecycle	
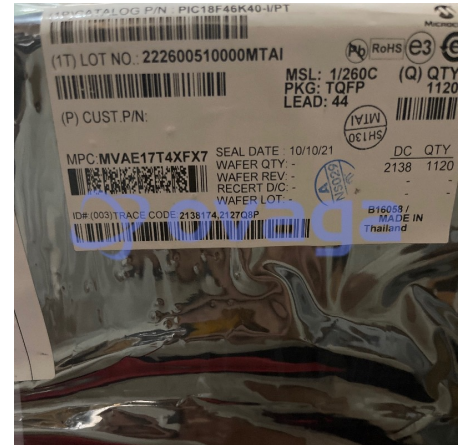
Images are for reference only

Please submit RFQ for PIC18F46K40-I/PT or Email to us: sales@ovaga.com We will contact you in 12 hours.   RFQ

General Description

PIC18(L)F46K40 microcontrollers combine large Flash/EE/RAM memory, rich peripheral integration, XLP and 5V support to suit a variety of general purpose applications. These 40-pin devices deliver Core Independent Peripherals such as CWG, WWDT, CRC/Memory Scan, Hardware CVD, Zero-Cross Detect and Peripheral Pin Select, providing for increased design flexibility and lower system cost.

Features

PIC18 Core with 83 Instructions, 31 Stack Levels

Internal 64MHz oscillator

Operating Voltage Range:- 'F' Version (2.3V – 5.5V)- Low Power 'LF' variant (1.8V – 3.6V)

Temperature Range:- Industrial Version (-40C to 85C)- Extended Version (-40C to 125C)

64 KB Flash Program Memory with self read/write capability

3728 Bytes Data SRAM Memory

1024 Bytes of EEPROM

35 x 10-bit ADC channels

1 x 5-bit DAC

2 x Comparators

Fixed Voltage Reference (FVR) module - 1.024V, 2.048V and 4.096V output levels

Hardware Capacitive Voltage Divider (CVD) for mTouch buttons/sliders

1 x Zero-Cross Detect

2 x I2C/SPI

2 x EUSART with LIN support

CRC with Memory Scan

Windowed Watchdog Timer (WWDT)

1 x Hardware Limit Timer (HLT)

1 x Complementary Waveform Generator

2 x standalone 10-bit PWM modules

2 x Capture/Compare/PWM modules

Three 8-bit Timers/Counters

Four 16-bit Timers/Counters

1 x Hardware Limit Timer (HLT)

Extended Watchdog Timer (WDT)

eXtreme Low Power (XLP) technology

Doze, Idle, and Sleep Power Saving Operating Modes

Sleep mode: 50nA @ 1.8V, typical

Active mode: 32uA/MHz @ 1.8V, typical

Low Current Power-on Reset (POR)

Brown-out Reset (BOR)

Low-Power BOR (LPBOR)

Peripheral Pin Select

In-Circuit Debug Integrated On-Chip

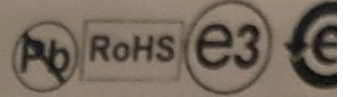In-Circuit Serial Programing (ICSP) via Two Pins

CATALOG P/N : PIC18F46K40-I/PT
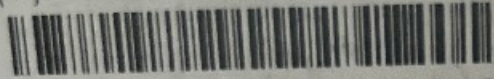
Microc...

(1T) LOT NO.: 222600510000MTAI

Pb RoHS e3 C€

MSL: 1/260C   (Q) QTY
PKG: TQFP   1120
LEAD: 44

(P) CUST.P/N:

SH130 MTAI

MPC: MVAE17T4XFX7
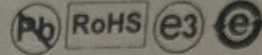
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A NS029

DC	QTY
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B16058 /
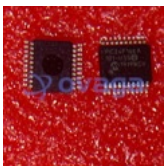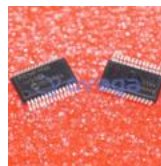MADE IN
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Related Products

[PIC24F16KA101-I/SS](#)

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SSOP-20
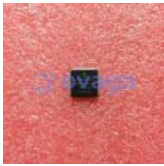

[PIC16F1936-I/SS](#)

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[PIC16F1938-I/SP](#)

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SOIC-28

PIC18F97J60T-I/PT

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TQFP-100