PIC24FJ32GA004-I/PT

44 PIN, 32/64KB Flash 8KB RAM, 16-bit core, General Purpose, -40C to +85C, 44-TQFP, TRAY,Microcontrollers (MCU) 32KB 8192 bytes 16MIPS 35 I/O

Manufacturers	Microchip Technology, Inc
Package/Case	TQFP-44
Product Type	Embedded Processors & Controllers
RoHS	Rohs
Lifecycle	

Images are for reference only

Please submit RFQ for PIC24FJ32GA004-I/PT or Email to us: sales@ovaga.com We will contact you in 12 hours.   RFQ

General Description

PIC24 16-bit Microcontroller, 32 KB Flash Memory, 8 KB RAM, and Advanced Peripherals, 44 Pin Package

Features

CPU

Up to 16 MIPS performance

17 x 17 Hardware Multiply, Single Cycle Execution

32-bit x 16-bit Hardware Divider

C Compiler Optimized Instruction Set

Special Features

Internal oscillator support - 31 kHz to 8 MHz, up to 32 MHz with 4X PLL

On-chip LDO Voltage Regulator

JTAG Boundary Scan and Flash Memory Program Support

Fail-Safe Clock Monitor – allows safe shutdown if clock fails

Watchdog Timer with separate RC oscillator

Run, Idle and Sleep modes

Multiple, Switchable Clock Modes for Optimum Performance and Power Management

Integrated Peripherals

10-bit ADC, 10channels, 500k samples per second

Two Analog comparators

2 UART Modules with LIN and IrDA® support, 4 Deep FIFO

2 SPI ™ Modules with 8 Deep FIFO
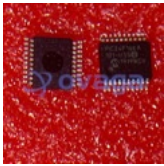
2 I2C™ Modules with Master and Slave Modes

Five 16-bit Timer Modules

Up to 5 Input Capture and 5 Output Compare / PWM
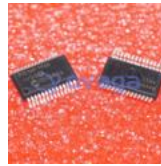
Hardware RTCC, Real-Time Clock Calendar with Alarms

PMP, Parallel Master Port, with 16 Address Lines, and 8/16-bit Data

Related Products

Ovaga Technologies Limited

Email: sales@ovaga.com

PIC24F16KA101-I/SS

Microchip Technology, Inc

SSOP-20

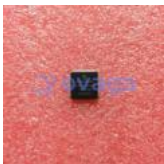**PIC16F1936-I/SS**

Microchip Technology, Inc

SSOP-28

PIC16F1938-I/SP

Microchip Technology, Inc

PDIP-28

PIC18F23K22-I/SP

Microchip Technology, Inc

SPDIP-28

PIC18F6520-I/PT

Microchip Technology, Inc

TQFP-64

PIC18F2620-I/SP

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SPDIP-28

PIC18F2620-I/SO

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SOIC-28

PIC18F97J60T-I/PT

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TQFP-100