

PIC/DSPIC Microcontroller, General Purpose, PIC24 Family PIC24FJ GB Series
Microcontrollers, PIC24

Manufacturers	Microchip Technology, Inc
Package/Case	TQFP-100
Product Type	Embedded Processors & Controllers
RoHS	Rohs
Lifecycle	



Images are for reference only

Please submit RFQ for PIC24FJ256GB210-I/PT or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

Ideal for USB related applications that can benefit from the 16-bit MCU, USB, 96K byte RAM, and other peripherals. USB Application Design Center

Features

Universal Serial Bus Features

USB v2.0 On-the-Go compliant

Dual role capable, can act as either Host or Device

Low speed(1.5Mb/s) and full speed(12 Mb/s) operation in host mode

Full speed USB operation in Device mode

Analog Features

Up to 24x, Capacitive touch sensing

Up to 24x, 10-Bit, ADC at 500 ksps

3x Analog Comparators with Programmable Input/Output Configuration

Power Management

On-Chip Voltage Regulator of 1.8V

Switch between Clock Sources in Real Time

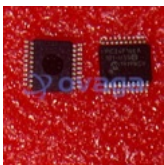
Idle, Sleep and Doze modes with Fast Wake-up and Two-Speed Start-up

Run Mode: 800 uA/MIPS, 3.3V Typical

Sleep mode Current Down to 20 uA, 3.3V Typical

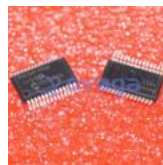
Standby Current with 32 kHz Oscillator: 22 uA, 3.3V Typical

Related Products



[PIC24F16KA101-I/SS](#)

Microchip Technology, Inc
SSOP-20



[PIC16F1936-I/SS](#)

Microchip Technology, Inc
SSOP-28



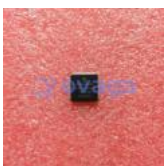
[PIC16F1938-I/SP](#)

Microchip Technology, Inc
PDIP-28



[PIC18F23K22-I/SP](#)

Microchip Technology, Inc
SPDIP-28



[PIC18F6520-I/PT](#)

Microchip Technology, Inc
TQFP-64



[PIC18F2620-I/SP](#)

Microchip Technology, Inc
SPDIP-28



[PIC18F2620-I/SO](#)

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SOIC-28



[PIC18F97J60T-I/PT](#)

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