Flashless 16-bit/32-bit microcontroller; Ethernet, CAN, ISP/IAP, U...

Manufacturers	NXP Semiconductor
Package/Case	208-LQFP
Product Type	Integrated Circuits (ICs)
RoHS	
Lifecycle	

Images are for reference only

Please submit RFQ for LPC2420FBD208 or Email to us: sales@ovaga.com We will contact you in 12 hours.   RFQ

General Description

LPC2420FBD208 is a microcontroller from the LPC2000 series, which is a family of 16/32-bit ARM microcontrollers designed by NXP Semiconductors (formerly Philips Semiconductors). The LPC2420FBD208 is a variant of LPC2420 microcontroller and comes in a 208-pin LQFP (Low Profile Quad Flat Package) package.

Features

It is based on ARM7TDMI-S CPU core running at a maximum frequency of up to 60 MHz.

It has 256 KB of on-chip flash memory for program storage and 64 KB of on-chip RAM for data storage.

It supports multiple communication interfaces including UART, SPI, I2C, and CAN.

It has a 10-bit ADC (Analog-to-Digital Converter) with up to 14 channels for analog input.

It features a variety of timers and PWM (Pulse Width Modulation) outputs for controlling external devices.

It has built-in support for USB 2.0 full-speed device interface.

It supports external memory interface including SRAM, SDRAM, and NOR Flash.

It has a wide range of I/O pins and supports various voltage levels.

Application

Industrial control systems

Automotive electronics

Home automation

Consumer electronics

Medical devices

Robotics

Internet of Things (IoT) devices

Embedded systems

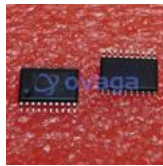## Related Products

LPC4088FBD208

NXP Semiconductor

LQFP208

P89LPC922FDH

NXP Semiconductor

TSSOP-20

LPC2106FBD48

NXP Semiconductor

LQFP-48

LPC11U68JBD100

NXP Semiconductor

QFP-100

LPC932A1FDH

NXP Semiconductor

TSSOP28

P89LPC901FD

NXP Semiconductor

SOP-8

LPC11U68JBD48

NXP Semiconductor

LPC11U67JBD100

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