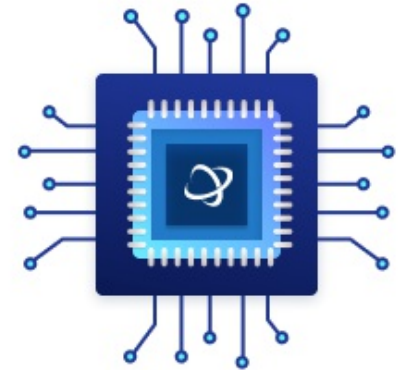Single-chip 16-bit/32-bit microcontrollers; up to 512 kB flash with ISP/IAP, Ethernet, USB 2.0, CAN, and 10-bit ADC/DAC - ADCs: 6-ch 10-bit ; Category: ARM7TDMI-S (TM) Core ; Clock type: N/A ; External interrupt: 42 ;

Manufacturers	NXP Semiconductor
Package/Case	
Product Type	Embedded Processors & Controllers
RoHS	
Lifecycle	

Images are for reference only

Please submit RFQ for LPC2366FBD100 or Email to us: sales@ovaga.com We will contact you in 12 hours.   RFQ

General Description

LPC2366FBD100 is a microcontroller from NXP Semiconductors, which is based on the ARM7TDMI-S core. Here are some of its features:

Features

Application

16/32-bit ARM7TDMI-S microcontroller core running at up to 72 MHz

512 KB on-chip flash memory with In-System Programming (ISP) and In-Application Programming (IAP) support

58 KB on-chip SRAM

Multiple serial interfaces, including UARTs, SPI, and I2C

USB 2.0 Full-speed device/host/OTG controller with on-chip PHY

10-bit ADC with up to 16 channels

Two 32-bit timers, one 16-bit PWM timer, and a Real-Time Clock (RTC)

Industrial automation and control systems

Motor control

Consumer electronics

Building automation

Medical equipment

Gaming devices

Related Products

LPC3250FET296

NXP Semiconductor

TFBGA296

LPC1756FBD80

NXP Semiconductor

QFP80

LPC11C24FBD48/301

NXP Semiconductor

LQFP48

LPC2129FBD64

NXP Semiconductor

LQFP-64

LPC2387FBD100

NXP Semiconductor

LQFP-100

LPC2364FBD100

NXP Semiconductor

LQFP-100

LPC2468FBD208

NXP Semiconductor

LQFP-208

LPC1764FBD100

NXP Semiconductor

QFP100