

MCU 16-bit/32-bit LPC2000 ARM7TDMI-S RISC 512KB Flash 3.3V

Manufacturers	NXP Semiconductor
Package/Case	LQFP-144
Product Type	Embedded Processors & Controllers
RoHS	
Lifecycle	



Images are for reference only

Please submit RFQ for LPC2378FBD144 or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

LPC2378FBD144 is a microcontroller manufactured by NXP Semiconductors (formerly Philips Semiconductors). It is based on the ARM7TDMI-S core and is part of the LPC2000 series of microcontrollers.

Features

Operating frequency of up to 72 MHz

512 KB of flash memory and 58 KB of SRAM

Ethernet MAC, USB 2.0 full-speed device/host/OTG interface, and multiple serial interfaces (UART, SPI, I2C)

10-bit ADC with up to 16 channels

PWM, timer, and interrupt functions

JTAG and SWD debugging interfaces

Application

Industrial automation

Robotics

Networking equipment

Medical devices

Automotive systems



Related Products



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NXP Semiconductor
TFBGA296



[LPC1756FBD80](#)

NXP Semiconductor
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