

Single-chip 16/32-bit microcontrollers; 32/64/512 kB ISP/IAP Flash with 10-bit ADC and DAC

Manufacturers	NXP Semiconductor
Package/Case	LQFP-64
Product Type	Embedded Processors & Controllers
RoHS	
Lifecycle	



Images are for reference only

Please submit RFQ for LPC2138FBD64 or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

LPC2138FBD64 is a microcontroller from NXP Semiconductors (formerly Philips Semiconductors) in the LPC2000 family. It is based on the ARM7TDMI-S processor core and has 512KB of Flash memory and 32KB of SRAM.

Features

ARM7TDMI-S core running at up to 60 MHz

512 KB on-chip flash memory

32 KB on-chip SRAM

Multiple serial interfaces including UART, SPI, and I2C

USB 2.0 Full Speed interface

10-bit ADC with 8 channels

PWM and capture/compare timers

CAN interface

Application

Industrial control and automation

Robotics

Medical devices

Automotive systems

Consumer electronics



Related Products



[LPC3250FET296](#)

NXP Semiconductor
TFBGA296



[LPC11C24FBD48/301](#)

NXP Semiconductor
LQFP48



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