

16/32-bit ARM microcontrollers 256 kB ISP/IAP Flash with CAN, 10-bit ADC and external memory interface

Manufacturers	<u>NXP Semiconductor</u>
Package/Case	LQFP-144
Product Type	Interface ICs
RoHS	
Lifecycle	



Images are for reference only

Please submit RFQ for LPC2292FBD144 or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

LPC2292FBD144 is a microcontroller from NXP Semiconductors, which is now part of the company's LPC2200 series of microcontrollers. This particular microcontroller has 128KB of flash memory and 16KB of RAM.

Features

- 16/32-bit ARM7TDMI-S™ CPU core
- 128KB flash memory
- 16KB on-chip RAM
- Two 10-bit ADCs with eight channels on each ADC
- Two 10-bit DACs
- Multiple communication interfaces, including USB, UART, SPI, and I2C
- Real-time clock (RTC)
- Watchdog timer (WDT)
- Multiple power-saving modes

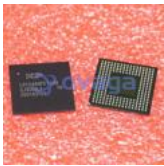
Application

- Industrial automation and control systems
- Motor control
- Automotive systems
- Consumer electronics
- Medical devices
- Communications equipment





Related Products



[LPC2468FET208](#)

NXP Semiconductor
TFBGA-208



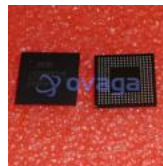
[LPC2214FBD144](#)

NXP Semiconductor
LQFP-144



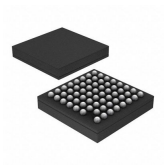
[LPC2210FBD144](#)

NXP Semiconductor
TQFP144



[LPC2460FET208](#)

NXP Semiconductor
TFBGA208



[LPC2478FET208](#)

NXP Semiconductor
TFBGA208



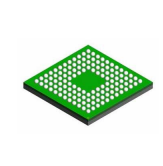
[LPC2294HBD144](#)

NXP Semiconductor
QFP144



[LPC2458FET180](#)

NXP Semiconductor
TFBGA180



[LPC3180FEL320](#)

NXP Semiconductor
320-LFBGA