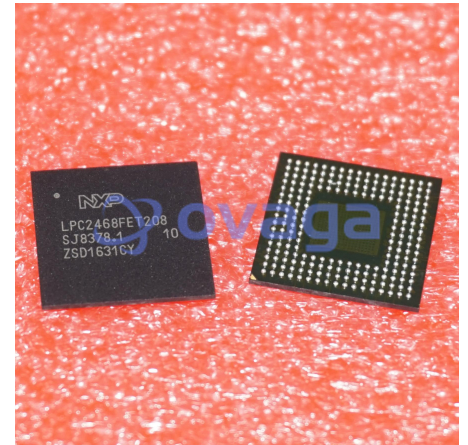


Single-chip 16-bit/32-bit micro; 512 kB flash, Ethernet, CAN, ISP/IAP, USB 2.0 device/host/OTG, external memory interface

Manufacturers	NXP Semiconductor
Package/Case	TFBGA-208
Product Type	Interface ICs
RoHS	
Lifecycle	



Images are for reference only

Please submit RFQ for LPC2468FET208 or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

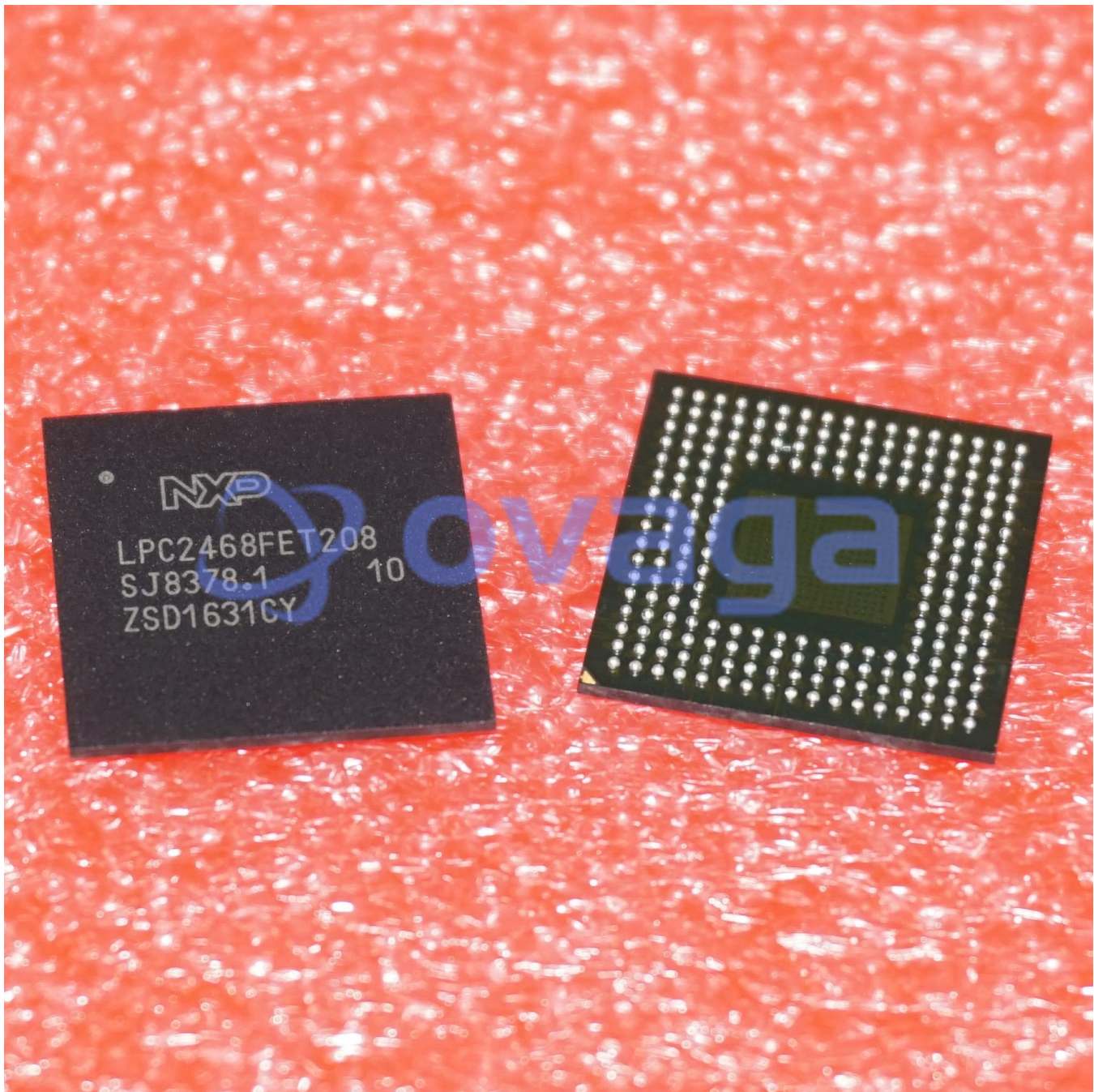
LPC2468FET208 is a microcontroller chip from the NXP LPC2000 family. It is a 32-bit ARM7TDMI-S-based microcontroller with 512 KB of flash memory and 58 KB of RAM. The LPC2468FET208 comes in a TQFP208 package and is suitable for a variety of applications that require a high-performance, low-power microcontroller.

Features

- 32-bit ARM7TDMI-S CPU core running at up to 72 MHz
- 512 KB on-chip flash memory and 58 KB on-chip RAM
- Multiple communication interfaces, including USB 2.0 full-speed device, CAN 2.0B, UART, I2C, and SPI
- 10-bit ADC with up to 14 channels and a conversion rate of up to 2.5 Msps
- Ethernet MAC with DMA controller and IEEE 1588 support
- PWM, timers, and interrupts for precise control of external devices

Application

- Industrial automation and control systems
- Building automation and HVAC control
- Medical devices and instrumentation
- Consumer electronics, including audio and video devices
- Automotive electronics, including engine management and body control



Related Products



[LPC2292FBD144](#)

NXP Semiconductor
LQFP-144



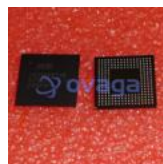
[LPC2214FBD144](#)

NXP Semiconductor
LQFP-144



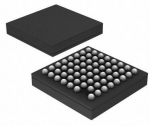
[LPC2210FBD144](#)

NXP Semiconductor
TQFP144



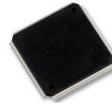
[LPC2460FET208](#)

NXP Semiconductor
TFBGA208



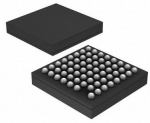
[LPC2478FET208](#)

NXP Semiconductor
TFBGA208



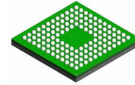
[LPC2294HBD144](#)

NXP Semiconductor
QFP144



[LPC2458FET180](#)

NXP Semiconductor
TFBGA180



[LPC3180FEL320](#)

NXP Semiconductor
320-LFBGA