

ARM Microcontrollers - MCU

Manufacturers	NXP Semiconductor
Package/Case	LQFP-80
Product Type	Discrete Semiconductors
RoHS	
Lifecycle	



Images are for reference only

Please submit RFQ for LPC4078FBD80 or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

LPC4078FBD80 is a microcontroller from NXP Semiconductors, which is a part of the LPC40xx family of ARM Cortex-M4-based microcontrollers. It is designed for embedded applications and offers a high level of integration and performance.

Features

ARM Cortex-M4 core running at up to 120 MHz

512 KB flash memory and 96 KB SRAM

High-speed USB 2.0 device interface with on-chip PHY

Ethernet MAC with DMA controller

LCD controller with support for up to 1024x768 resolution

Multiple serial interfaces including UART, SPI, and I2C

12-bit ADC and 10-bit DAC

Application

LPC4078FET208: Same features but in a different package (208-pin TFBGA)

LPC4088FBD144: Similar features but with 1 MB of flash memory and 136 KB of SRAM

LPC4074FBD80: Same features but with less flash memory (256 KB) and SRAM (64 KB)

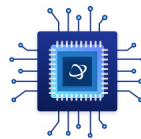


Related Products



[P89LPC925FDH](#)

NXP Semiconductor
TSSOP-20



[LPC4074FBD144](#)

NXP Semiconductor



[PTVS5V0S1UR](#)

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