

LPC4072FBD80E



Part Number: [LPC4072FBD80E](#)

Manufacturer: [NXP Semiconductors / Freescale](#)

Description: IC MCU 32BIT 64KB FLASH 80LQFP

Data sheet:  [LPC408x/7x](#)

RoHs Status: Lead free / RoHS Compliant

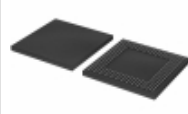
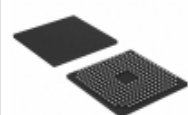
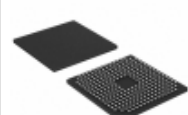
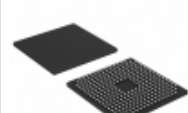
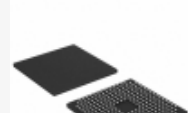
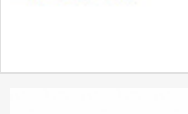
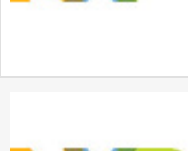
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PRODUCT PARAMETER			
Part Number	LPC4072FBD80E	Manufacturer	NXP Semiconductors / Freescale
Description	IC MCU 32BIT 64KB FLASH 80LQFP	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	20348 pcs	Data sheet	LPC408x/7x
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	2.4 V ~ 3.6 V
Supplier Device Package	80-LQFP (12x12)	Speed	120MHz
Series	LPC40xx	RAM Size	24K x 8
Program Memory Type	FLASH	Program Memory Size	64KB (64K x 8)
Peripherals	Brown-out Detect/Reset, DMA, I ² S, POR, PWM, WDT	Packaging	Tray
Package / Case	80-LQFP	Other Names	935298964551
Oscillator Type	Internal	Operating Temperature	-40°C ~ 85°C (TA)
Moisture Sensitivity Level (MSL)	2 (1 Year)	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
EEPROM Size	2K x 8	Detailed Description	ARM® Cortex®-M4 LPC40xx Microcontroller IC 32-Bit 120MHz 64KB (64K x 8) FLASH 80-LQFP (12x12)
Data Converters	A/D 8x12b, D/A 1x10b	Core Size	32-Bit
Core Processor	ARM® Cortex®-M4	Connectivity	CANbus, I ² C, IrDA, Microwire, SPI, SSI, SSP, UART/USART, USB
Base Part Number	LPC4072		
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	Part#: LPC4076FBD144E Description: IC MCU 32BIT 256KB FLASH 144LQFP	Manufacturers: NXP Semiconductors / Freescale	RFQ
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	Part#: LPC3220FET296/01,5 Description: IC MCU 32BIT ROMLESS 296TFBGA	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: LPC4076FET180,551 Description: IC MCU 32BIT 256KB FLASH 180BGA	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: LPC4078FBD144,551 Description: IC MCU 32BIT 512KB FLASH 144LQFP	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: LPC3180FEL320,551 Description: IC MCU 32BIT ROMLESS 320LFBGA	Manufacturers: NXP USA Inc.	RFQ

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