

LPC4076FBD144E



Part Number: [LPC4076FBD144E](#)

Manufacturer: [NXP Semiconductors / Freescale](#)

Description: IC MCU 32BIT 256KB FLASH 144LQFP

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

RoHs Status: Lead free / RoHS Compliant

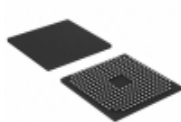
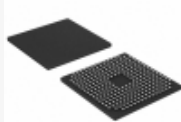
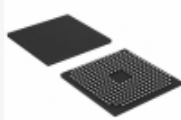
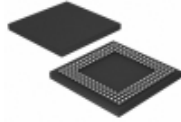
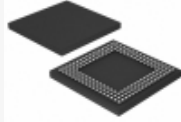
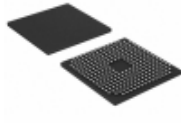
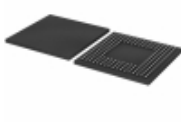
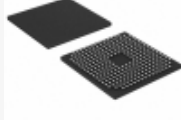
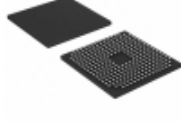
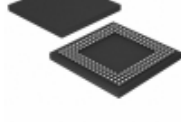
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PRODUCT PARAMETER			
Part Number	LPC4076FBD144E	Manufacturer	NXP Semiconductors / Freescale
Description	IC MCU 32BIT 256KB FLASH 144LQFP	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	14266 pcs	Data sheet	LPC408x/7x
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	2.4 V ~ 3.6 V
Supplier Device Package	144-LQFP (20x20)	Speed	120MHz
Series	LPC40xx	RAM Size	80K x 8
Program Memory Type	FLASH	Program Memory Size	256KB (256K x 8)
Peripherals	Brown-out Detect/Reset, DMA, I ² S, POR, PWM, WDT	Packaging	Tray
Package / Case	144-LQFP	Other Names	568-14544 935298965551 LPC4076FBD144E-ND
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 256KB (256K x 8) FLASH 144-LQFP (20x20)
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	LPC4076		
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	Part#: LPC4072FET80K Description: IC MCU 32BIT 64KB FLASH 80TFBGA	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: LPC4078FBD80,551 Description: IC MCU 32BIT 512KB FLASH 80LQFP	Manufacturers: NXP Semiconductors / Freescale	RFQ

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