

LPC1785FBD208K



Part Number: [LPC1785FBD208K](#)

Manufacturer: [NXP Semiconductors / Freescale](#)

Description: IC MCU 32BIT 256KB FLASH 208LQFP

Data sheet:  [LPC178X,177X](#)

RoHs Status: Lead free / RoHS Compliant

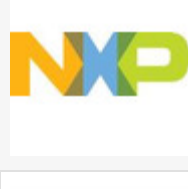
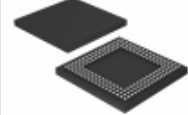
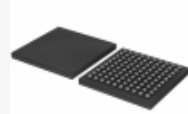
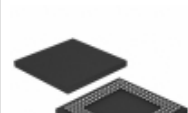
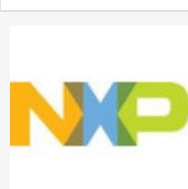
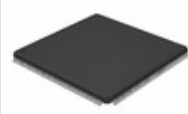
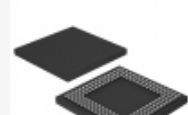
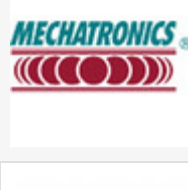
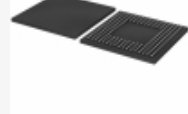
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PRODUCT PARAMETER			
Part Number	LPC1785FBD208K	Manufacturer	NXP Semiconductors / Freescale
Description	IC MCU 32BIT 256KB FLASH 208LQFP	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	9635 pcs	Data sheet	LPC178X,177X
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	2.4 V ~ 3.6 V
Speed	120MHz	Series	LPC17xx
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, LCD, Motor Control PWM, POR, PWM, WDT
Packaging	Tray	Package / Case	208-LQFP
Other Names	935291613557	Oscillator Type	Internal
Operating Temperature	-40°C ~ 85°C (TA)	Number of I/O	165
Moisture Sensitivity Level (MSL)	2 (1 Year)	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
EEPROM Size	4K x 8	Detailed Description	ARM® Cortex®-M3 LPC17xx Microcontroller IC 32-Bit 120MHz 256KB (256K x 8) FLASH
Data Converters	A/D 8x12b, D/A 1x10b	Core Size	32-Bit
Core Processor	ARM® Cortex®-M3	Connectivity	CANbus, EBI/EMI, I ² C, Microwire, Memory Card, SPI, SSI, SSP, UART/USART, USB OTG
Base Part Number	LPC1785		
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	Part#: LPC1786FBD208,551 Description: IC MCU 32BIT 256KB FLASH 208LQFP	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: LPC1774FBD144,551 Description: IC MCU 32BIT 128KB FLASH 144LQFP	Manufacturers: NXP Semiconductors / Freescale	RFQ
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	Part#: LPC17KM99-BTLR Description: EC FAN 162X55MM 90-264VAC	Manufacturers: Mechatronics	RFQ
	Part#: LPC1785FBD208,551 Description: IC MCU 32BIT 256KB FLASH 208LQFP	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: LPC1788FET208,551 Description: IC MCU 32BIT 512KB FLASH 208BGA	Manufacturers: NXP Semiconductors / Freescale	RFQ

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