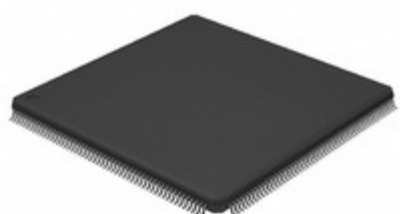


LPC1776FBD208,551



Part Number: [LPC1776FBD208,551](#)

Manufacturer: [NXP Semiconductors / Freescale](#)

Description: IC MCU 32BIT 256KB FLASH 208LQFP

Data sheet:  [LPC177x/LPC178x Leaflet](#)
 [LPC178X,177X](#)

RoHs Status: Lead free / RoHS Compliant

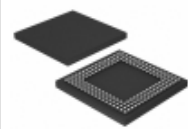
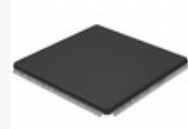
Ship From: Hong Kong

Shipment Way: DHL/Fedex/TNT/UPS/EMS

Images are for reference only.
See Product Specifications for product details.
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PRODUCT PARAMETER			
Part Number	LPC1776FBD208,551	Manufacturer	NXP Semiconductors / Freescale
Description	IC MCU 32BIT 256KB FLASH 208LQFP	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	12697 pcs	Data sheet	LPC177x/LPC178x Leaflet LPC178X,177X
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	2.4 V ~ 3.6 V
Supplier Device Package	208-LQFP (28x28)	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, Motor Control PWM, POR, PWM, WDT	Packaging	Tray
Package / Case	208-LQFP	Other Names	568-7568 935291586551 LPC1776FBD208,551-ND LPC1776FBD208551
Oscillator Type	Internal	Operating Temperature	-40°C ~ 85°C (TA)
Number of I/O	165	Moisture Sensitivity Level (MSL)	2 (1 Year)
Manufacturer Standard Lead Time	12 Weeks	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 208-LQFP (28x28)
Data Converters	A/D 8x12b, D/A 1x10b	Core Size	32-Bit
Core Processor	ARM® Cortex®-M3	Connectivity	CANbus, EBI/EMI, Ethernet, I ² C, Microwire, Memory Card, SPI, SSI, SSP, UART/USART, USB OTG
Base Part Number	LPC1776		
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	Part#: LPC1776FET180,551 Description: IC MCU 32BIT 256KB FLASH 180BGA	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: LPC1777FBD208,551 Description: IC MCU 32BIT 512KB FLASH 208LQFP	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: LPC1786FBD208,551 Description: IC MCU 32BIT 256KB FLASH 208LQFP	Manufacturers: NXP Semiconductors / Freescale	RFQ
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	Part#: LPC1768FBD100,551 Description: IC MCU 32BIT 512KB FLASH 100LQFP	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: LPC1778FET208,551 Description: IC MCU 32BIT 512KB FLASH 208BGA	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: LPC1767FBD100,551 Description: IC MCU 32BIT 512KB FLASH 100LQFP	Manufacturers: NXP Semiconductors / Freescale	RFQ
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	Part#: LPC1778FBD144,551 Description: IC MCU 32BIT 512KB FLASH 144LQFP	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: LPC1787FBD208,551 Description: IC MCU 32BIT 512KB FLASH 208LQFP	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: LPC1768FET100Z Description: 512KB FLASH, 64KB SRAM, ETHERNET	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: LPC1768FET100Y Description: IC MCU 32BIT 512KB FLASH 100TBGA	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: LPC1785FBD208,551 Description: IC MCU 32BIT 256KB FLASH 208LQFP	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: LPC1768UKZ Description: IC MCU 32BIT 512KB FLASH 100CSP	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: LPC1778FET180,551 Description: IC MCU 32BIT 512KB FLASH 180BGA	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: LPC1774FBD208,551 Description: IC MCU 32BIT 128KB FLASH 208LQFP	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: LPC1768FET100,551 Description: IC MCU 32BIT 512KB FLASH 100BGA	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: LPC1769FBD100,551 Description: IC MCU 32BIT 512KB FLASH 100LQFP	Manufacturers: NXP Semiconductors / Freescale	RFQ

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