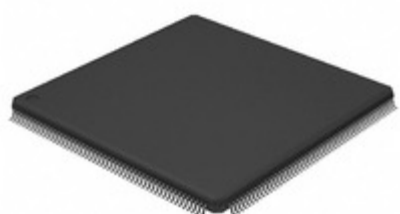


LPC1786FBD208,551



Part Number: [LPC1786FBD208,551](#)

Manufacturer: [NXP Semiconductors / Freescale](#)

Description: IC MCU 32BIT 256KB FLASH 208LQFP

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

RoHs Status: Lead free / RoHS Compliant

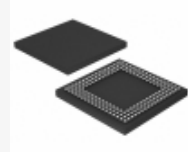
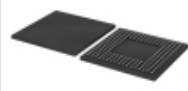
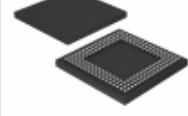
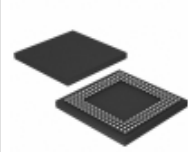
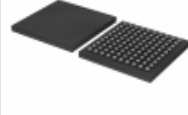
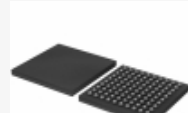
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Shipment Way: DHL/Fedex/TNT/UPS/EMS

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PRODUCT PARAMETER			
Part Number	LPC1786FBD208,551	Manufacturer	NXP Semiconductors / Freescale
Description	IC MCU 32BIT 256KB FLASH 208LQFP	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	14641 pcs	Data sheet	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, LCD, Motor Control PWM, POR, PWM, WDT	Packaging	Tray
Package / Case	208-LQFP	Other Names	568-7574 935291855551 LPC1786FBD208,551-ND LPC1786FBD208551
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 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	LPC1786
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	Part#: LPC1778FBD208,551 Description: IC MCU 32BIT 512KB FLASH 208LQFP	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: LPC1778FBD144,551 Description: IC MCU 32BIT 512KB FLASH 144LQFP	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: LPC1778FET208,551 Description: IC MCU 32BIT 512KB FLASH 208BGA	Manufacturers: NXP Semiconductors / Freescale	RFQ
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	Part#: LPC1774FBD208,551 Description: IC MCU 32BIT 128KB FLASH 208LQFP	Manufacturers: NXP Semiconductors / Freescale	RFQ
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	Part#: LPC1810FET100,551 Description: IC MCU 32BIT ROMLESS 100TFBGA	Manufacturers: NXP Semiconductors / Freescale	RFQ

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