




NXP Semiconductors / Freescale

LPC1786FBD208,551

Part Number:	LPC1786FBD208,551
Manufacturer/Brand:	NXP Semiconductors / Freescale
Product description:	IC MCU 32BIT 256KB FLASH 208LQFP
Datasheets:	PDF LPC1786FBD208,551.pdf
RoHS Status:	 Lead free / RoHS Compliant
Ship From:	Hong Kong
Shipment Way:	DHL/Fedex/TNT/UPS/EMS

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Image may be representation. See specifications for product details.





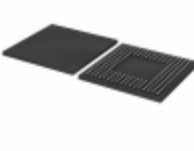
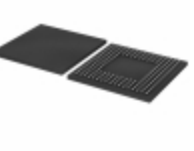
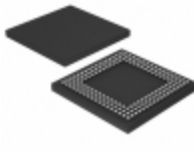

Specifications of LPC1786FBD208,551

PART NUMBER	LPC1786FBD208,551
MANUFACTURER	NXP Semiconductors / Freescale
DESCRIPTION	IC MCU 32BIT 256KB FLASH 208LQFP
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	PDF LPC1786FBD208,551.pdf
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

Related Tags

NXP Semiconductors / Freescale LPC1786FBD208,551	LPC1786FBD208,551 Distributor	LPC1786FBD208,551 Supplier
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Related Products

 <p>LPC1788FBD208,551 Manufacturers: NXP Semiconductors / Freescale Description: IC MCU 32BIT 512KB FLASH 208LQFP In stock: Out stock</p> <p>RFQ</p>	 <p>LPC17KM99-BTLR Manufacturers: Mechatronics Description: EC MCU 32BIT 162X55MM 90-264VAC In stock: Out stock</p> <p>RFQ</p>
 <p>LPC1778FET180,551 Manufacturers: NXP Semiconductors / Freescale Description: IC MCU 32BIT 512KB FLASH 180BGA In stock: Out stock</p> <p>RFQ</p>	 <p>LPC1785FBD208K Manufacturers: NXP Semiconductors / Freescale Description: IC MCU 32BIT 256KB FLASH 208LQFP In stock: Out stock</p> <p>RFQ</p>
 <p>LPC1788FBD144,551 Manufacturers: NXP Semiconductors / Freescale Description: IC MCU 32BIT 512KB FLASH 144LQFP In stock: 405 pcs</p> <p>RFQ</p>	 <p>LPC1778FBD144,551 Manufacturers: NXP Semiconductors / Freescale Description: IC MCU 32BIT 512KB FLASH 144LQFP In stock: Out stock</p> <p>RFQ</p>
 <p>LPC1778FET208,551 Manufacturers: NXP Semiconductors / Freescale Description: IC MCU 32BIT 512KB FLASH 208BGA In stock: Out stock</p> <p>RFQ</p>	 <p>LPC1788FET208,551 Manufacturers: NXP Semiconductors / Freescale Description: IC MCU 32BIT 512KB FLASH 208BGA In stock: 543 pcs</p> <p>RFQ</p>
 <p>LPC1788FET180,551 Manufacturers: NXP Semiconductors / Freescale Description: IC MCU 32BIT 512KB FLASH 180BGA In stock: 557 pcs</p> <p>RFQ</p>	 <p>LPC1778FBD208,551 Manufacturers: NXP Semiconductors / Freescale Description: IC MCU 32BIT 512KB FLASH 208LQFP In stock: 335 pcs</p> <p>RFQ</p>
 <p>LPC1787FBD208,551 Manufacturers: NXP Semiconductors / Freescale Description: IC MCU 32BIT 512KB FLASH 208LQFP In stock: 555 pcs</p> <p>RFQ</p>	 <p>LPC1785FBD208,551 Manufacturers: NXP Semiconductors / Freescale Description: IC MCU 32BIT 256KB FLASH 208LQFP In stock: 61 pcs</p> <p>RFQ</p>