

LPC1768FBD100,551



Part Number: [LPC1768FBD100,551](#)

Manufacturer: [NXP Semiconductors / Freescale](#)

Description: IC MCU 32BIT 512KB FLASH 100LQFP

Data sheet:  [LPC176x/5x User Manual](#)
 [LPC1763-69 Datasheet](#)
 [Cortex-M3, LPC1700 Series Leaflet](#)

RoHs Status: Lead free / RoHS Compliant

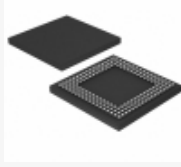
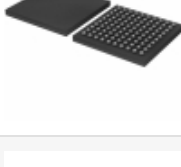
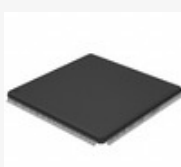
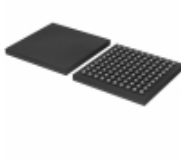
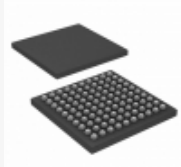
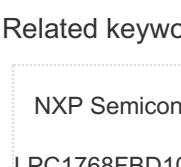
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PRODUCT PARAMETER			
Part Number	LPC1768FBD100,551	Manufacturer	NXP Semiconductors / Freescale
Description	IC MCU 32BIT 512KB FLASH 100LQFP	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	16824 pcs	Data sheet	LPC176x/5x User Manual LPC1763-69 Datasheet Cortex-M3, LPC1700 Series Leaflet
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	2.4 V ~ 3.6 V
Supplier Device Package	100-LQFP (14x14)	Speed	100MHz
Series	LPC17xx	RAM Size	64K x 8
Program Memory Type	FLASH	Program Memory Size	512KB (512K x 8)
Peripherals	Brown-out Detect/Reset, DMA, I ² S, Motor Control PWM, POR, PWM, WDT	Packaging	Tray
Package / Case	100-LQFP	Other Names	568-4796 935288608551 LPC1768FBD100551
Oscillator Type	Internal	Operating Temperature	-40°C ~ 85°C (TA)
Number of I/O	70	Moisture Sensitivity Level (MSL)	3 (168 Hours)
Manufacturer Standard Lead Time	12 Weeks	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
EEPROM Size	-	Detailed Description	ARM® Cortex®-M3 LPC17xx Microcontroller IC 32-Bit 100MHz 512KB (512K x 8) FLASH 100-LQFP (14x14)
Data Converters	A/D 8x12b, D/A 1x10b	Core Size	32-Bit
Core Processor	ARM® Cortex®-M3	Connectivity	CANbus, Ethernet, I ² C, IrDA, Microwire, SPI, SSI, UART/USART, USB OTG
Base Part Number	LPC1768		
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	Part#: LPC1767FBD100,551 Description: IC MCU 32BIT 512KB FLASH 100LQFP	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: LPC1763FBD100,551 Description: IC MCU 32BIT 256KB FLASH 100LQFP	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: LPC1765FET100,551 Description: IC MCU 32BIT 256KB FLASH 100BGA	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: LPC1763FBD100K Description: IC MCU 32BIT 256KB FLASH 100LQFP	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: LPC1763FBD100Y Description: 256KB FLASH, 64KB SRAM, NO CAN,	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: LPC1764FBD100,551 Description: IC MCU 32BIT 128KB FLASH 100LQFP	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: LPC1768UKJ Description: IC MCU 32BIT 512KB FLASH 100BGA	Manufacturers: NXP Semiconductors / Freescale	RFQ
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	Part#: LPC1768FET100Y Description: IC MCU 32BIT 512KB FLASH 100TBGA	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: LPC1768FET100Z Description: 512KB FLASH, 64KB SRAM, ETHERNET	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: LPC1768UKZ Description: IC MCU 32BIT 512KB FLASH 100CSP	Manufacturers: NXP Semiconductors / Freescale	RFQ

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