

LPC1758FBD80Y



Part Number: [LPC1758FBD80Y](#)

Manufacturer: [NXP Semiconductors / Freescale](#)

Description: IC MCU 32BIT 512KB FLASH 80LQFP

Data sheet:  [LPC175x](#)

RoHs Status: Lead free / RoHS Compliant

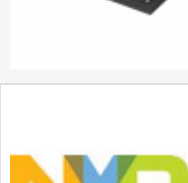
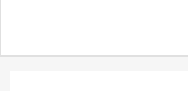
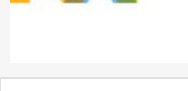
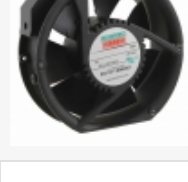
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PRODUCT PARAMETER			
Part Number	LPC1758FBD80Y	Manufacturer	NXP Semiconductors / Freescale
Description	IC MCU 32BIT 512KB FLASH 80LQFP	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	15049 pcs	Data sheet	LPC175x
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	2.4 V ~ 3.6 V
Supplier Device Package	80-LQFP (12x12)	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	Tape & Reel (TR)
Package / Case	80-LQFP	Other Names	935288607518
Oscillator Type	Internal	Operating Temperature	-40°C ~ 85°C (TA)
Number of I/O	52	Moisture Sensitivity Level (MSL)	2 (1 Year)
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 80-LQFP (12x12)	Data Converters	A/D 6x12b, 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	LPC1758
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RELATED PRODUCTS			
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	Part#: LPC15P12-BTLR Description: FAN AXIAL 172X150X51MM 115VAC	Manufacturers: Mechatronics	RFQ
	Part#: LPC1754FBD80,551 Description: IC MCU 32BIT 128KB FLASH 80LQFP	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: LPC15P23-BTER Description: FAN AXIAL 172X150X51MM 230VAC EC	Manufacturers: Mechatronics	RFQ
	Part#: LPC1765FET100,551 Description: IC MCU 32BIT 256KB FLASH 100BGA	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: LPC1759FBD80,551 Description: IC MCU 32BIT 512KB FLASH 80LQFP	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: LPC1765FBD100,551 Description: IC MCU 32BIT 256KB FLASH 100LQFP	Manufacturers: NXP Semiconductors / Freescale	RFQ
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	Part#: LPC1758FBD80,551 Description: IC MCU 32BIT 512KB FLASH 80LQFP	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: LPC15P12-BTHR Description: FAN AXIAL 172X150X51MM 115VAC	Manufacturers: Mechatronics	RFQ
	Part#: LPC1752FBD80,551 Description: IC MCU 32BIT 64KB FLASH 80LQFP	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: LPC1763FBD100Y Description: 256KB FLASH, 64KB SRAM, NO CAN,	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: LPC1756FBD80Y Description: IC MCU 32BIT 256KB FLASH 80LQFP	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: LPC1768FBD100,551 Description: IC MCU 32BIT 512KB FLASH 100LQFP	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: LPC1751FBD80,551 Description: IC MCU 32BIT 32KB FLASH 80LQFP	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: LPC1764FBD100,551 Description: IC MCU 32BIT 128KB FLASH 100LQFP	Manufacturers: NXP Semiconductors / Freescale	RFQ

Related keywords for **LPC1758FBD80Y**

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