

LPC2368FET100,518



Part Number: [LPC2368FET100,518](#)

Manufacturer: [NXP Semiconductors / Freescale](#)

Description: IC MCU 32BIT 512KB FLASH 100BGA

Data sheet:  [LPC2364-68](#)

RoHs Status: Lead free / RoHS Compliant

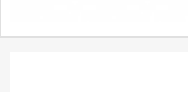
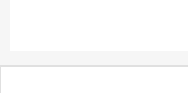
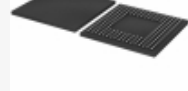
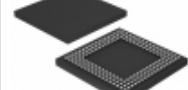
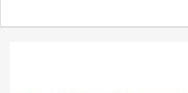
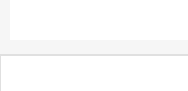
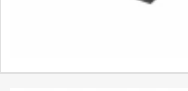
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PRODUCT PARAMETER			
Part Number	LPC2368FET100,518	Manufacturer	NXP Semiconductors / Freescale
Description	IC MCU 32BIT 512KB FLASH 100BGA	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	10466 pcs	Data sheet	LPC2364-68
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	3 V ~ 3.6 V
Supplier Device Package	100-TFBGA (9x9)	Speed	72MHz
Series	LPC2300	RAM Size	58K x 8
Program Memory Type	FLASH	Program Memory Size	512KB (512K x 8)
Peripherals	Brown-out Detect/Reset, DMA, I ² S, POR, PWM, WDT	Packaging	Cut Tape (CT)
Package / Case	100-TFBGA	Other Names	568-8723-1
Oscillator Type	Internal	Operating Temperature	-40°C ~ 85°C (TA)
Number of I/O	70	Moisture Sensitivity Level (MSL)	3 (168 Hours)
Lead Free Status / RoHS Status	Lead free / RoHS Compliant	EEPROM Size	-
Detailed Description	ARM7® LPC2300 Microcontroller IC 16/32-Bit 72MHz 512KB (512K x 8) FLASH 100-TFBGA (9x9)	Data Converters	A/D 6x10b; D/A 1x10b
Core Size	16/32-Bit	Core Processor	ARM7®
Connectivity	CANbus, Ethernet, I ² C, Microwire, Memory Card, SPI, SSI, SSP, UART/USART, USB	Base Part Number	LPC2368
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	Part#: LPC2365FBD100,551 Description: IC MCU 32BIT 256KB FLASH 100LQFP	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: LPC2367FBD100,551 Description: IC MCU 32BIT 512KB FLASH 100LQFP	Manufacturers: NXP Semiconductors / Freescale	RFQ

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