

LPC43S70FET256E



Part Number: [LPC43S70FET256E](#)

Manufacturer: [NXP Semiconductors / Freescale](#)

Description: IC MCU 32BIT ROMLESS 256LBGA

Data sheet:  [LPC43S70](#)

RoHs Status: Lead free / RoHS Compliant

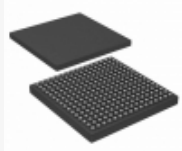
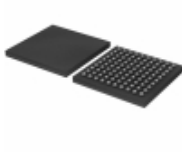
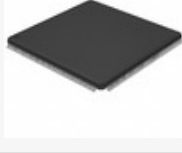
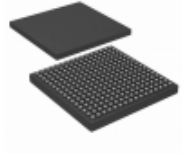
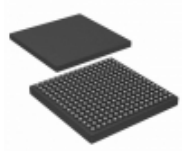
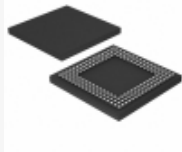
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PRODUCT PARAMETER			
Part Number	LPC43S70FET256E	Manufacturer	NXP Semiconductors / Freescale
Description	IC MCU 32BIT ROMLESS 256LBGA	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	10410 pcs	Data sheet	LPC43S70
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	2.2 V ~ 3.6 V
Supplier Device Package	256-LBGA (17x17)	Speed	204MHz
Series	LPC43xx	RAM Size	282K x 8
Program Memory Type	ROMless	Program Memory Size	-
Peripherals	Brown-out Detect/Reset, DMA, I ² S, LCD, POR, PWM, WDT	Packaging	Tray
Package / Case	256-LBGA	Other Names	935306003551
Oscillator Type	Internal	Operating Temperature	-40°C ~ 85°C (TA)
Number of I/O	164	Moisture Sensitivity Level (MSL)	3 (168 Hours)
Lead Free Status / RoHS Status	Lead free / RoHS Compliant	EEPROM Size	-
Detailed Description	ARM® Cortex®-M4/M0 LPC43xx Microcontroller IC 32-Bit Dual-Core 204MHz ROMless 256-LBGA (17x17)	Data Converters	A/D 3x12b, D/A 1x10b
Core Size	32-Bit Dual-Core	Core Processor	ARM® Cortex®-M4/M0
Connectivity	CANbus, EBI/EMI, Ethernet, I ² C, IrDA, Microwire, MMC/SD, QEI, SPI, SSI, SSP, UART/USART, USB, USB OTG		
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	Part#: LPC47M107S-MS Description: IC CTRLR SUPER I/O LPC 100QFP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: LPC47M112-MW Description: IC CTRLR SUPER I/O LPC 100QFP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: LPC43S67JET100E Description: IC MCU 32BIT 1MB FLASH 100TFBGA	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: LPC43S57JBD208E Description: IC MCU 32BIT 1MB FLASH 208LQFP	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: LPC43S70FET100E Description: IC MCU 32BIT ROMLESS 100TFBGA	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: LPC47B272-MS Description: IC CTRLR SUPER I/O LPC 100-QFP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: LPC43S50FET256,551 Description: IC MCU 32BIT ROMLESS 256LBGA	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: LPC43S37JET100E Description: IC MCU 32BIT 1MB FLASH 100TFBGA	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: LPC47B397-NS Description: IC CTRLR SUPER I/O 128QFP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: LPC47M182E-NW Description: IC CTRLR SUPER I/O LPC 128MQFP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: LPC47M102S-MS Description: IC CTRLR SUPER I/O LPC 100QFP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: LPC43S37JBD144E Description: IC MCU 32BIT 1MB FLASH 144LQFP	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: LPC47M192-NW Description: IC CTRLR SUPER I/O LPC 128MQFP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: LPC47B277-MS Description: IC CTRLR SUPER I/O LPC 100QFP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: LPC43S67JBD208E Description: IC MCU 32BIT 1MB FLASH 208LQFP	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: LPC47M287-NW Description: IC CTRLR SUPER I/O LPC 128MQFP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: LPC43S67JET256E Description: IC MCU 32BIT 1MB FLASH 256LBGA	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: LPC43S50FET180E Description: IC MCU 32BIT ROMLESS 180TFBGA	Manufacturers: NXP Semiconductors / Freescale	RFQ

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