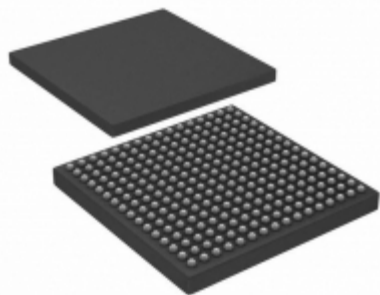


LPC4370FET256E



Part Number: [LPC4370FET256E](#)

Manufacturer: [NXP Semiconductors / Freescale](#)

Description: IC MCU 32BIT ROMLESS 256LBGA

Data sheet:  [LPC4370](#)

RoHs Status: Lead free / RoHS Compliant

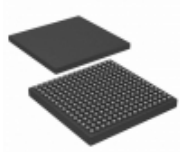
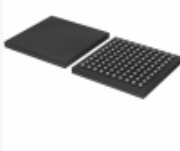
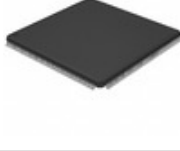
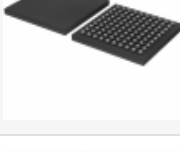
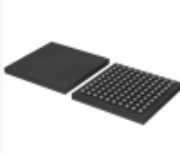
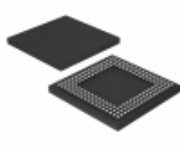
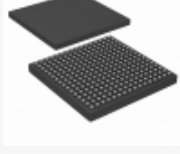
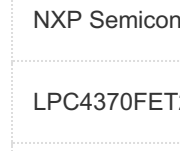
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PRODUCT PARAMETER			
Part Number	LPC4370FET256E	Manufacturer	NXP Semiconductors / Freescale
Description	IC MCU 32BIT ROMLESS 256LBGA	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	14292 pcs	Data sheet	LPC4370
Category	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	568-10923 935299462551 LPC4370FET256E-ND
Oscillator Type	Internal	Operating Temperature	-40°C ~ 85°C (TA)
Number of I/O	164	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®-M4/M0/M0 LPC43xx Microcontroller IC 32-Bit Tri-Core 204MHz ROMless 256-LBGA (17x17)
Data Converters	A/D 16x10b, 6x12b, D/A 1x10b	Core Size	32-Bit Tri-Core
Core Processor	ARM® Cortex®-M4/M0/M0	Connectivity	CANbus, EBI/EMI, Ethernet, I ² C, IrDA, SD, SPI, SSC, UART/USART, USB
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	Part#: LPC43S30FBD144E Description: IC MCU 32BIT ROMLESS 144LQFP	Manufacturers: NXP Semiconductors / Freescale	RFQ
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