





NXP Semiconductors / Freescale


LPC43S70FET256E

Part Number:	LPC43S70FET256E
Manufacturer/Brand:	NXP Semiconductors / Freescale
Product description:	IC MCU 32BIT ROMLESS 256LBGA
Datasheets:	 LPC43S70FET256E.pdf
RoHS Status:	 Lead free / RoHS Compliant
Ship From:	Hong Kong
Shipment Way:	DHL/Fedex/TNT/UPS/EMS

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Image may be representation. See specifications for product details.




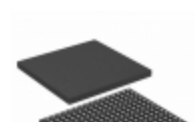
Specifications of LPC43S70FET256E

PART NUMBER	LPC43S70FET256E
MANUFACTURER	NXP Semiconductors / Freescale
DESCRIPTION	IC MCU 32BIT ROMLESS 256LBGA
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	 LPC43S70FET256E.pdf
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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 <p>LPC47B277-MS Manufacturers: Micrel / Microchip Technology Description: IC CTRLR SUPER I/O LPC 100QFP In stock: Out stock</p> <p>RFQ</p>	 <p>LPC43S70FET100E Manufacturers: NXP Semiconductors / Freescale Description: IC MCU 32BIT ROMLESS 100TFBGA In stock: 260 pcs</p> <p>RFQ</p>
 <p>LPC47B272-MS Manufacturers: Micrel / Microchip Technology Description: IC CTRLR SUPER I/O LPC 100-QFP In stock: 79 pcs</p> <p>RFQ</p>	 <p>LPC47B397-NS Manufacturers: Micrel / Microchip Technology Description: IC CTRLR SUPER I/O LPC 128QFP In stock: Out stock</p> <p>RFQ</p>
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 <p>LPC47M107S-MS Manufacturers: Micrel / Microchip Technology Description: IC CTRLR SUPER I/O LPC 100QFP In stock: 107 pcs</p> <p>RFQ</p>	 <p>LPC43S67JET256E Manufacturers: NXP Semiconductors / Freescale Description: IC MCU 32BIT 1MB FLASH 256LBGA In stock: 90 pcs</p> <p>RFQ</p>