




NXP Semiconductors / Freescale

LPC43S20FBD144E

Part Number:	LPC43S20FBD144E
Manufacturer/Brand:	NXP Semiconductors / Freescale
Product description:	IC MCU 32BIT ROMLESS 144LQFP
Datasheets:	LPC43S20FBD144E.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.


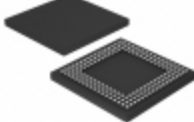
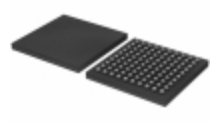
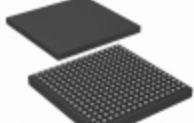


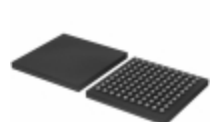
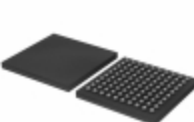

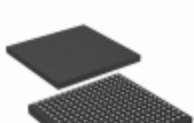

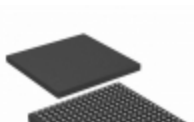
Specifications of LPC43S20FBD144E

PART NUMBER	LPC43S20FBD144E
MANUFACTURER	NXP Semiconductors / Freescale
DESCRIPTION	IC MCU 32BIT ROMLESS 144LQFP
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	LPC43S20FBD144E.pdf
VOLTAGE - SUPPLY (VCC/VDD)	2.2 V ~ 3.6 V
SUPPLIER DEVICE PACKAGE	144-LQFP (20x20)
SPEED	204MHz
SERIES	LPC43xx
RAM SIZE	200K x 8
PROGRAM MEMORY TYPE	ROMless
PROGRAM MEMORY SIZE	-
PERIPHERALS	Brown-out Detect/Reset, DMA, I ² S, Motor Control PWM, POR, PWM, WDT
PACKAGING	Tray
PACKAGE / CASE	144-LQFP
OTHER NAMES	568-11701 935304122551 LPC43S20FBD144E-ND
OSCILLATOR TYPE	Internal
OPERATING TEMPERATURE	-40°C ~ 85°C (TA)
NUMBER OF I/O	83
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 LPC43xx Microcontroller IC 32-Bit Dual-Core 204MHz ROMless 144-LQFP (20x20)
DATA CONVERTERS	A/D 8x10b; D/A 1x10b
CORE SIZE	32-Bit Dual-Core
CORE PROCESSOR	ARM® Cortex®-M4/M0
CONNECTIVITY	CANbus, EBI/EMI, I ² C, IrDA, Microwire, SD, SPI, SSI, SSP, UART/USART, USB, USB OTG
BASE PART NUMBER	LPC43S20

Related Tags

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Related Products

 <p>LPC4366JET256E Manufacturers: NXP Semiconductors / Freescale Description: MCU 32BIT ARM CORTEX 256LBGA In stock: Out stock</p> <p>RFQ</p>	 <p>LPC43S20FET180E Manufacturers: NXP Semiconductors / Freescale Description: IC MCU 32BIT ROMLESS 180TFBGA In stock: Out stock</p> <p>RFQ</p>
 <p>LPC4367JET100E Manufacturers: NXP Semiconductors / Freescale Description: IC MCU 32BIT 1MB FLASH 100TFBGA In stock: 190 pcs</p> <p>RFQ</p>	 <p>LPC4367JET256E Manufacturers: NXP Semiconductors / Freescale Description: IC MCU 32BIT 1MB FLASH 256LBGA In stock: 219 pcs</p> <p>RFQ</p>
 <p>LPC43S30FBD144E Manufacturers: NXP Semiconductors / Freescale Description: IC MCU 32BIT ROMLESS 144LQFP In stock: 60 pcs</p> <p>RFQ</p>	 <p>LPC43S37JBD144E Manufacturers: NXP Semiconductors / Freescale Description: IC MCU 32BIT 1MB FLASH 144LQFP In stock: 60 pcs</p> <p>RFQ</p>
 <p>LPC43S37JET100E Manufacturers: NXP Semiconductors / Freescale Description: IC MCU 32BIT 1MB FLASH 100TFBGA In stock: 74 pcs</p> <p>RFQ</p>	 <p>LPC43S30FET100E Manufacturers: NXP Semiconductors / Freescale Description: IC MCU 32BIT ROMLESS 100TFBGA In stock: 260 pcs</p> <p>RFQ</p>
 <p>LPC4367JBD208E Manufacturers: NXP Semiconductors / Freescale Description: IC MCU 32BIT 1MB FLASH 208LQFP In stock: 39 pcs</p> <p>RFQ</p>	 <p>LPC4370FET256E Manufacturers: NXP Semiconductors / Freescale Description: IC MCU 32BIT ROMLESS 256LBGA In stock: 990 pcs</p> <p>RFQ</p>
 <p>LPC4370FET100E Manufacturers: NXP Semiconductors / Freescale Description: IC MCU 32BIT ROMLESS 100TFBGA In stock: Out stock</p> <p>RFQ</p>	 <p>LPC43S30FET256E Manufacturers: NXP Semiconductors / Freescale Description: IC MCU 32BIT ROMLESS 256LBGA In stock: 61 pcs</p> <p>RFQ</p>