



NXP Semiconductors / Freescale

LPC54616J512ET100E

Part Number:	LPC54616J512ET100E
Manufacturer/Brand:	NXP Semiconductors / Freescale
Product description	32-BIT ARM CORTEX-M4
	PDF 1.LPC54616J512ET100E.pdf
	PDF 2.LPC54616J512ET100E.pdf
	PDF 3.LPC54616J512ET100E.pdf
	PDF 4.LPC54616J512ET100E.pdf
	PDF 5.LPC54616J512ET100E.pdf
Datasheets:	
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

Image may be representation. See specifications for product details.

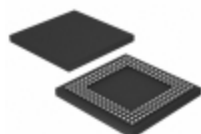
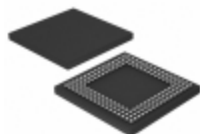
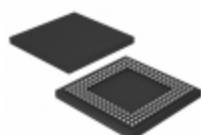
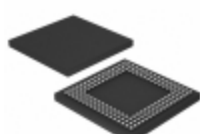
Specifications of LPC54616J512ET100E

PART NUMBER	LPC54616J512ET100E
MANUFACTURER	NXP Semiconductors / Freescale
DESCRIPTION	32-BIT ARM CORTEX-M4
LEAD FREE STATUS / ROHS STATUS	
DATA SHEET	PDF 1.LPC54616J512ET100E.pdf PDF 2.LPC54616J512ET100E.pdf PDF 3.LPC54616J512ET100E.pdf PDF 4.LPC54616J512ET100E.pdf PDF 5.LPC54616J512ET100E.pdf
VOLTAGE - SUPPLY (VCC/VDD)	1.71 V ~ 3.6 V
SUPPLIER DEVICE PACKAGE	100-TFBGA (9x9)
SPEED	180MHz
SERIES	LPC546xx
RAM SIZE	200K x 8
PROGRAM MEMORY TYPE	FLASH
PROGRAM MEMORY SIZE	512KB (512K x 8)
PERIPHERALS	Brown-out Detect/Reset, DMA, I²S, POR, PWM, WDT
PACKAGING	Tray
PACKAGE / CASE	100-TFBGA
OTHER NAMES	568-13453 935344364551
OSCILLATOR TYPE	Internal
OPERATING TEMPERATURE	-40°C ~ 105°C (TA)
NUMBER OF I/O	64
MOISTURE SENSITIVITY LEVEL (MSL)	3 (168 Hours)
MANUFACTURER STANDARD LEAD TIME	12 Weeks
EEPROM SIZE	16K x 8
DETAILED DESCRIPTION	ARM® Cortex®-M4 LPC546xx Microcontroller IC 32-Bit 180MHz 512KB (512K x 8) FLASH 100-TFBGA (9x9)
DATA CONVERTERS	A/D 12x12b
CORE SIZE	32-Bit
CORE PROCESSOR	ARM® Cortex®-M4
CONNECTIVITY	CANbus, Ethernet, I²C, SPI, UART/USART, USB

Related Tags

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Freescale Semiconductor - NXP LPC54616J512ET100E	NXP USA Inc. LPC54616J512ET100E	

Related Products

 LPC54616J512BD208E Manufacturers: NXP Semiconductors / Freescale Description: 32-BIT ARM CORTEX-M4 In stock: 10777 pcs RFQ	 LPC54S005JET100E Manufacturers: NXP Semiconductors / Freescale Description: 32-BIT ARM CORTEX-M4 In stock: 14072 pcs RFQ
 LPC54618J512ET180E Manufacturers: NXP Semiconductors / Freescale Description: 32-BIT ARM CORTEX-M4 In stock: 12092 pcs RFQ	 LPC54608J512BD208E Manufacturers: NXP Semiconductors / Freescale Description: IC MCU 32BIT 512KB FLASH 208LQFP In stock: 17561 pcs RFQ
 LPC54616J512BD100E Manufacturers: NXP Semiconductors / Freescale Description: 32-BIT ARM CORTEX-M4 In stock: 22160 pcs RFQ	 LPC54608J512ET180E Manufacturers: NXP Semiconductors / Freescale Description: IC MCU 32BIT 512KB FLASH 180BGA In stock: 20765 pcs RFQ
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