

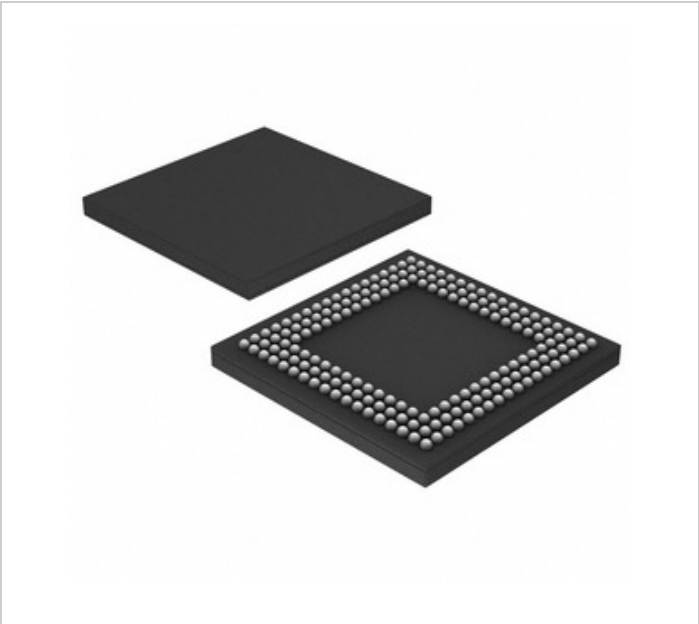


Image may be representation. See specifications for product details.

LPC54605J512ET180E

Part Number:	LPC54605J512ET180E
Manufacturer/Brand:	NXP Semiconductors / Freescale
Product description	IC MCU 32BIT 512KB FLASH 180BGA
	PDF 1.LPC54605J512ET180E.pdf
	PDF 2.LPC54605J512ET180E.pdf
	PDF 3.LPC54605J512ET180E.pdf
	PDF 4.LPC54605J512ET180E.pdf
	PDF 5.LPC54605J512ET180E.pdf
Datasheets:	
RoHs Status	 Lead free / RoHS Compliant
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

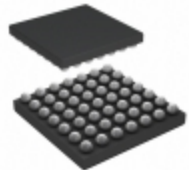
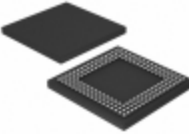
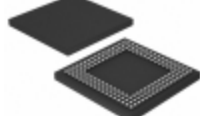
Specifications of LPC54605J512ET180E

PART NUMBER	LPC54605J512ET180E
MANUFACTURER	NXP Semiconductors / Freescale
DESCRIPTION	IC MCU 32BIT 512KB FLASH 180BGA
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	PDF 1.LPC54605J512ET180E.pdf PDF 2.LPC54605J512ET180E.pdf PDF 3.LPC54605J512ET180E.pdf PDF 4.LPC54605J512ET180E.pdf PDF 5.LPC54605J512ET180E.pdf
VOLTAGE - SUPPLY (VCC/VDD)	1.71 V ~ 3.6 V
SUPPLIER DEVICE PACKAGE	180-TFBGA (12x12)
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	180-TFBGA
OTHER NAMES	568-13365 935308868551 LPC54605J512ET180 LPC54605J512ET180-ND
OSCILLATOR TYPE	Internal
OPERATING TEMPERATURE	-40°C ~ 105°C (TA)
NUMBER OF I/O	145
MOISTURE SENSITIVITY LEVEL (MSL)	3 (168 Hours)
MANUFACTURER STANDARD LEAD TIME	12 Weeks
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
EEPROM SIZE	16K x 8
DETAILED DESCRIPTION	ARM® Cortex®-M4 LPC546xx Microcontroller IC 32-Bit 180MHz 512KB (512K x 8) FLASH 180-TFBGA (12x12)
DATA CONVERTERS	A/D 12x12b
CORE SIZE	32-Bit
CORE PROCESSOR	ARM® Cortex®-M4
CONNECTIVITY	I²C, SPI, UART/USART, USB

Related Tags

NXP Semiconductors / Freescale LPC54605J512ET180E	LPC54605J512ET180E Distributor	LPC54605J512ET180E Supplier
LPC54605J512ET180E Price	LPC54605J512ET180E Pictures	LPC54605J512ET180E Image
LPC54605J512ET180E PDF Datasheet	LPC54605J512ET180E Download Datasheet	LPC54605J512ET180E Datasheet
LPC54605J512ET180E Stock	Buy LPC54605J512ET180E	Buy NXP Semiconductors / Freescale LPC54605J512ET180E
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Freescale Semiconductor - NXP LPC54605J512ET180E	NXP USA Inc. LPC54605J512ET180E	

Related Products

 LPC54605J256BD100E Manufacturers: NXP Semiconductors / Freescale Description: 32-BIT ARM CORTEX-M4 In stock: Out stock RFQ	 LPC54606J256ET100E Manufacturers: NXP Semiconductors / Freescale Description: 32-BIT ARM CORTEX-M4 In stock: 250 pcs RFQ
 LPC54114J256UK49Z Manufacturers: NXP Semiconductors / Freescale Description: IC MCU 32BIT 256KB FLASH 49WLCSP In stock: Out stock RFQ	 LPC54606J256BD100E Manufacturers: NXP Semiconductors / Freescale Description: 32-BIT ARM CORTEX-M4 In stock: 90 pcs RFQ
 LPC54606J512ET100E Manufacturers: NXP Semiconductors / Freescale Description: 32-BIT ARM CORTEX-M4 In stock: 226 pcs RFQ	 LPC54605J512ET100E Manufacturers: NXP Semiconductors / Freescale Description: 32-BIT ARM CORTEX-M4 In stock: Out stock RFQ
 LPC54605J256ET180E Manufacturers: NXP Semiconductors / Freescale Description: IC MCU 32BIT 256KB FLASH 180BGA In stock: 250 pcs RFQ	 LPC54606J512BD100E Manufacturers: NXP Semiconductors / Freescale Description: 32-BIT ARM CORTEX-M4 In stock: 265 pcs RFQ
 LPC54606J512BD208E Manufacturers: NXP Semiconductors / Freescale Description: IC MCU 32BIT 512KB FLASH 208LQFP In stock: Out stock RFQ	 LPC54606J256ET180E Manufacturers: NXP Semiconductors / Freescale Description: IC MCU 32BIT 256KB FLASH 180BGA In stock: 176 pcs RFQ
 LPC54605J256ET100E Manufacturers: NXP Semiconductors / Freescale Description: 32-BIT ARM CORTEX-M4 In stock: Out stock RFQ	 LPC54605J512BD100E Manufacturers: NXP Semiconductors / Freescale Description: 32-BIT ARM CORTEX-M4 In stock: Out stock RFQ

