

NXP Semiconductors / Freescale

LPC54605J512ET180E

Part Number:	LPC54605J512ET180E
Manufacturer/Brand:	NXP Semiconductors / Freescale
Product description	IC MCU 32BIT 512KB FLASH 180BGA
Datasheets:	
RoHs Status	 Lead free / RoHS Compliant
Stock Condition	13784 pcs stock
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
QUANTITY AVAILABLE	13784 pcs
DATA SHEET	
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)
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

LPC54605J512ET180E	LPC54605J512ET180E Distributor	LPC54605J512ET180E Supplier
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Related Products

LPC54606J256BD100E Manufacturers: NXP Semiconductors / Freescale Description: 32-BIT ARM CORTEX-M4 In stock: 12505 pcs	LPC54605J256ET100E Manufacturers: NXP Semiconductors / Freescale Description: 32-BIT ARM CORTEX-M4 In stock: 23566 pcs
LPC54606J512BD208E Manufacturers: NXP Semiconductors / Freescale Description: IC MCU 32BIT 512KB FLASH 208LQFP In stock: 9179 pcs	LPC54605J256ET180E Manufacturers: NXP Semiconductors / Freescale Description: IC MCU 32BIT 256KB FLASH 180BGA In stock: 11099 pcs
LPC54114J256UK49Z Manufacturers: NXP Semiconductors / Freescale Description: IC MCU 32BIT 256KB FLASH 49WLQSP In stock: 15289 pcs	LPC54605J512ET100E Manufacturers: NXP Semiconductors / Freescale Description: 32-BIT ARM CORTEX-M4 In stock: 22407 pcs
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LPC54606J256ET180E Manufacturers: NXP Semiconductors / Freescale Description: IC MCU 32BIT 256KB FLASH 180BGA In stock: 12769 pcs	LPC54605J256BD100E Manufacturers: NXP Semiconductors / Freescale Description: 32-BIT ARM CORTEX-M4 In stock: 15932 pcs

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