



NXP Semiconductors / Freescale



Image may be representation. See specifications for product details.

LPC54605J256BD100E

Part Number:	LPC54605J256BD100E
Manufacturer/Brand:	NXP Semiconductors / Freescale
Product description	32-BIT ARM CORTEX-M4
	PDF 1.LPC54605J256BD100E.pdf
	PDF 2.LPC54605J256BD100E.pdf
	PDF 3.LPC54605J256BD100E.pdf
	PDF 4.LPC54605J256BD100E.pdf
Datasheets:	
RoHs Status	 Lead free / RoHS Compliant
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

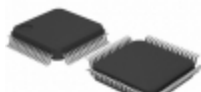
Specifications of LPC54605J256BD100E

PART NUMBER	LPC54605J256BD100E
MANUFACTURER	NXP Semiconductors / Freescale
DESCRIPTION	32-BIT ARM CORTEX-M4
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	PDF 1.LPC54605J256BD100E.pdf PDF 2.LPC54605J256BD100E.pdf PDF 3.LPC54605J256BD100E.pdf PDF 4.LPC54605J256BD100E.pdf
VOLTAGE - SUPPLY (VCC/VDD)	1.71 V ~ 3.6 V
SPEED	180MHz
SERIES	LPC546xx
RAM SIZE	136K x 8
PROGRAM MEMORY TYPE	FLASH
PROGRAM MEMORY SIZE	256KB (256K x 8)
PERIPHERALS	Brown-out Detect/Reset, DMA, I²S, POR, PWM, WDT
OTHER NAMES	935357965551
OSCILLATOR TYPE	Internal
OPERATING TEMPERATURE	-40°C ~ 105°C (TA)
NUMBER OF I/O	64
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 256KB (256K x 8) FLASH
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 LPC54605J256BD100E	LPC54605J256BD100E Distributor	LPC54605J256BD100E Supplier
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Related Products

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 LPC54113J256BD64QL Manufacturers: NXP Semiconductors / Freescale Description: IC MCU 32BIT 256KB FLASH 64LQFP In stock: Out stock RFQ	 LPC54114J256BD64QL Manufacturers: NXP Semiconductors / Freescale Description: IC MCU 32BIT 256KB FLASH 64LQFP In stock: 274 pcs RFQ
 LPC54113J128BD64QL Manufacturers: NXP Semiconductors / Freescale Description: IC MCU 32BIT 128KB FLASH 64LQFP In stock: 85 pcs RFQ	 LPC54102J512UK49Z Manufacturers: NXP Semiconductors / Freescale Description: IC MCU 32BIT 512KB FLASH 49WLCSP In stock: Out stock RFQ
 LPC54605J256ET100E Manufacturers: NXP Semiconductors / Freescale Description: 32-BIT ARM CORTEX-M4 In stock: Out stock RFQ	 LPC54606J256BD100E Manufacturers: NXP Semiconductors / Freescale Description: 32-BIT ARM CORTEX-M4 In stock: 90 pcs RFQ
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