NXP Semiconductors / Freescale

Image may be representation. See specifications for product details.

LPC54616J512BD100E

Part Number:	LPC54616J512BD100E
Manufacturer/Brand:	NXP Semiconductors / Freescale
Product description	32-BIT ARM CORTEX-M4
Datasheets:	
Stock Condition	12097 pcs stock
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

Specifications of LPC54616J512BD100E

PART NUMBER	LPC54616J512BD100E
MANUFACTURER	NXP Semiconductors / Freescale
DESCRIPTION	32-BIT ARM CORTEX-M4
LEAD FREE STATUS / ROHS STATUS	
QUANTITY AVAILABLE	12097 pcs
DATA SHEET	
VOLTAGE - SUPPLY (VCC/VDD)	1.71 V ~ 3.6 V
SUPPLIER DEVICE PACKAGE	100-LQFP (14x14)
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-LQFP
OTHER NAMES	568-13457 935344362551
OSCILLATOR TYPE	Internal
OPERATING TEMPERATURE	-40°C ~ 105°C (TA)
NUMBER OF I/O	64
MOISTURE SENSITIVITY LEVEL (MSL)	3 (168 Hours)
EEPROM SIZE	16K x 8
DETAILED DESCRIPTION	ARM® Cortex®-M4 LPC546xx Microcontroller IC 32-Bit 180MHz 512KB (512K x 8) FLASH 100-LQFP (14x14)
DATA CONVERTERS	A/D 12x12b
CORE SIZE	32-Bit
CORE PROCESSOR	ARM® Cortex®-M4
CONNECTIVITY	CANbus, Ethernet, I²C, SPI, UART/USART, USB

Related Tags

LPC54616J512BD100E	LPC54616J512BD100E Distributor	LPC54616J512BD100E Supplier
LPC54616J512BD100E Price	LPC54616J512BD100E Pictures	LPC54616J512BD100E Image
LPC54616J512BD100E PDF Datasheet	LPC54616J512BD100E Download Datasheet	LPC54616J512BD100E Datasheet
LPC54616J512BD100E Stock	Buy LPC54616J512BD100E	Buy LPC54616J512BD100E
LPC54616J512BD100E	Supplier	Distributor

Related Products

LPC54607J256ET180E
Manufacturers: NXP Semiconductors / Freescale
Description: IC MCU 32BIT 256KB FLASH 180BGA
In stock: 11879 pcs

LPC54628J512ET180E
Manufacturers: NXP Semiconductors / Freescale
Description: 32-BIT ARM CORTEX-M4
In stock: 11639 pcs

LPC54616J512ET100E
Manufacturers: NXP Semiconductors / Freescale
Description: 32-BIT ARM CORTEX-M4
In stock: 8997 pcs

LPC54607J256BD208E
Manufacturers: NXP Semiconductors / Freescale
Description: IC MCU 32BIT 256KB FLASH 208LQFP
In stock: 9727 pcs

LPC54616J256ET180E
Manufacturers: NXP Semiconductors / Freescale
Description: 32-BIT ARM CORTEX-M4
In stock: 14883 pcs

LPC54607J512ET180E
Manufacturers: NXP Semiconductors / Freescale
Description: IC MCU 32BIT 512KB FLASH 208LQFP
In stock: 10864 pcs

LPC54616J512BD208E
Manufacturers: NXP Semiconductors / Freescale
Description: 32-BIT ARM CORTEX-M4
In stock: 10784 pcs

LPC54618J512ET180E
Manufacturers: NXP Semiconductors / Freescale
Description: 32-BIT ARM CORTEX-M4
In stock: 12193 pcs

LPC54S005JBD100E
Manufacturers: NXP
Description: 32-BIT ARM CORTEX-M4
In stock: 11525 pcs
RFQ

LPC54618J512BD208E
Manufacturers: NXP Semiconductors / Freescale
Description: 32-BIT ARM CORTEX-M4
In stock: 8355 pcs

LPC54608J512BD208E
Manufacturers: NXP Semiconductors / Freescale
Description: IC MCU 32BIT 512KB FLASH 208LQFP
In stock: 9006 pcs
RFQ

LPC54608J512ET180E
Manufacturers: NXP Semiconductors / Freescale
Description: IC MCU 32BIT 512KB FLASH 180BGA
In stock: 11340 pcs
RFQ

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