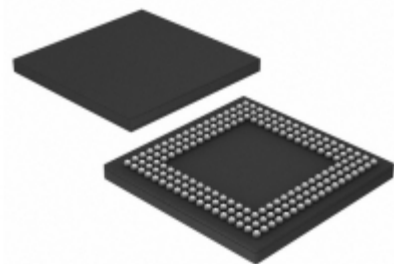


LPC54628J512ET180E



Images are for reference only.
See Product Specifications for product details.
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Part Number: [LPC54628J512ET180E](#)

Manufacturer: [NXP Semiconductors / Freescale](#)

Description: 32-BIT ARM CORTEX-M4

Data sheet:  [LPC Microcontrollers Brochure](#)
 [LPC546xx User Manual](#)
 [LPC546xx Datasheet](#)
 [LPC546xx MCU Family Fact Sheet](#)
 [LPC546xx Errata](#)

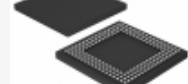
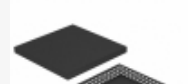
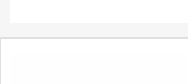
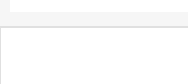
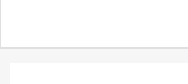
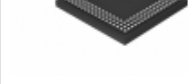
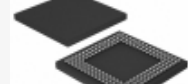
RoHs Status:

Ship From: Hong Kong

Shipment Way: DHL/Fedex/TNT/UPS/EMS

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PRODUCT PARAMETER			
Part Number	LPC54628J512ET180E	Manufacturer	NXP Semiconductors / Freescale
Description	32-BIT ARM CORTEX-M4	Lead Free Status / RoHS Status	
Quantity Available	17258 pcs	Data sheet	LPC Microcontrollers Brochure LPC546xx User Manual LPC546xx Datasheet LPC546xx MCU Family Fact Sheet LPC546xx Errata
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	1.71 V ~ 3.6 V
Supplier Device Package	180-TFBGA (12x12)	Speed	220MHz
Series	LPC546xx	RAM Size	200K x 8
Program Memory Type	FLASH	Program Memory Size	512KB (512K x 8)
Peripherals	Brown-out Detect/Reset, DMA, I ² S, LCD, POR, PWM, WDT	Packaging	Tray
Package / Case	180-TFBGA	Other Names	568-13454 935347071551
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	EEPROM Size	16K x 8
Detailed Description	ARM® Cortex®-M4 LPC546xx Microcontroller IC 32-Bit 220MHz 512KB (512K x 8) FLASH 180-TFBGA (12x12)	Data Converters	A/D 12x12b
Core Size	32-Bit	Core Processor	ARM® Cortex®-M4
Connectivity	CANbus, Ethernet, I ² C, SPI, UART/USART, USB		
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	Part#: LPC660AIM Description: IC OPAMP GP 350KHZ RRO 14SOIC	Manufacturers: N/A	RFQ
	Part#: LPC54S016JBD208E Description: 32-BIT ARM CORTEX-M4	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: LPC660AIMX Description: IC OPAMP GP 350KHZ RRO 14SOIC	Manufacturers: N/A	RFQ
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	Part#: LPC54616J512BD100E Description: 32-BIT ARM CORTEX-M4	Manufacturers: NXP Semiconductors / Freescale	RFQ
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