

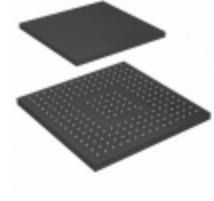
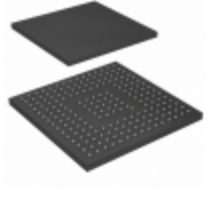




 <p>Not Actual Photo YIC International Co., Limited.</p>	<p>Manufacturer Part Number: STM32F745IEK7</p>
	<p>Manufacturer/Brand: STMicroelectronics</p>
<p>Part of Description: IC MCU 32BIT 512KB FLASH 176BGA</p>	<p>Datasheets:</p> <ul style="list-style-type: none"> 1.STM32F745IEK7.pdf 2.STM32F745IEK7.pdf 3.STM32F745IEK7.pdf 4.STM32F745IEK7.pdf
<p>RoHs Status: Lead free / RoHS</p>	<p>Stock Condition: ^{Compliant} New original, 5469 pcs Stock Available.</p>
<p>Ship From: Hong Kong</p>	<p>Shipment Way: DHL/Fedex/TNT/UPS/EMS</p>

Specifications

Part Number	STM32F745IEK7
Manufacturer	STMicroelectronics
Description	IC MCU 32BIT 512KB FLASH 176BGA
Category	Integrated Circuits (ICs) > Embedded - Microcontrollers
Part Status	5469 pcs Stock
Voltage - Supply (Vcc/Vdd)	1.7 V ~ 3.6 V
Supplier Device Package	176-UFBGA (10x10)
Speed	216MHz
Series	STM32 F7
RAM Size	320K x 8
Program Memory Type	FLASH
Program Memory Size	512KB (512K x 8)
Peripherals	Brown-out Detect/Reset, DMA, I ² S, POR, PWM, WDT
Packaging	Tray
Package / Case	176-UFBGA
Oscillator Type	Internal
Operating Temperature	-40°C ~ 105°C (TA)
Number of I/O	140
EEPROM Size	-
Data Converters	A/D 24x12b, D/A 2x12b
Core Size	32-Bit
Core Processor	ARM® Cortex®-M7
Connectivity	CAN, EBI/EMI, Ethernet, I ² C, IrDA, LIN, SAI, SD, SPDIF-

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 <p>STM32F745IEK7TR STMicroelectronics IC MCU 32BIT 512KB FLASH 176BGA</p>	 <p>STM32F745IET6 IC ST ST LQFP176</p>	 <p>STM32F733ZEI6 STMicroelectronics IC MCU 32BIT 512KB FLASH 144BGA</p>	 <p>STM32F745IET6 STMicroelectronics IC MCU 32BIT 512KB FLASH 176LQFP</p>

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