

	<p><b>Manufacturer Part Number:</b> STM32F745ZET6</p>
	<p><b>Manufacturer/Brand:</b> N/A</p>
	<p><b>Part of Description:</b> IC MCU 32BIT 512KB FLASH 144LQFP</p>
	<p><b>RoHs Status:</b>  Lead free / RoHS</p>
	<p><b>Stock Condition:</b> <sup>Compliant</sup> New original, 2545 pcs Stock Available.</p>
	<p><b>Ship From:</b> Hong Kong</p>
	<p><b>Shipment Way:</b> DHL/Fedex/TNT/UPS/EMS</p>
<p>Image may be representation. See specs for product details.</p>	

**Specifications**

Part Number	STM32F745ZET6
Manufacturer	N/A
Description	IC MCU 32BIT 512KB FLASH 144LQFP
Category	Integrated Circuits (ICs) > Embedded - Microcontrollers
Part Status	2545 pcs Stock
Voltage - Supply (Vcc/Vdd)	1.7 V ~ 3.6 V
Supplier Device Package	144-LQFP (20x20)
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 <sup>2</sup> S, POR, PWM, WDT
Packaging	Tray
Package / Case	144-LQFP
Oscillator Type	Internal
Operating Temperature	-40°C ~ 85°C (TA)
Number of I/O	114
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 <sup>2</sup> C, IrDA, LIN, SAI, SD, SPDIF-

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 <p><b>STM32F746BGT7</b> N/A IC MCU 32BIT 1MB FLASH 208LQFP</p>	 <p><b>STM32F745ZGT6</b> N/A IC MCU 32BIT 1MB FLASH 144LQFP</p>	 <p><b>STM32F745VGT6</b> N/A IC MCU 32BIT 1MB FLASH 100LQFP</p>	 <p><b>STM32F746BET6</b> N/A IC MCU 32BIT 512KB FLASH 208LQFP</p>
 <p><b>STM32F745VEH6</b> N/A IC MCU 32BIT 512KB FLASH 100BGA</p>	 <p><b>STM32F745ZGT7</b> N/A IC MCU 32BIT 1MB FLASH 144LQFP</p>	 <p><b>STM32F745VET6</b> N/A IC MCU 32BIT 512KB FLASH 100LQFP</p>	 <p><b>STM32F746BGT6</b> N/A IC MCU 32BIT 1MB FLASH 208LQFP</p>

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