



Image may be representation. See specifications for product details.

#### **STM32F746IET6**

Part Number:

Manufacturer/Brand:

Product description

Datasheets:

RoHs Status Ship From Shipment Way STM32F746IET6

STMicroelectronics IC MCU 32BIT 512KB FLASH 176LQFP

1.STM32F746IET6.pdf 2.STM32F746IET6.pdf

3.STM32F746IET6.pdf

Hong Kong

Lead free / RoHS Compliant

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## REQUEST FOR QUOTATION

	Specifications of STM32F746IET6	
PART NUMBER	STM32F746IET6	
MANUFACTURER	STMicroelectronics	
DESCRIPTION	IC MCU 32BIT 512KB FLASH 176LQFP	
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant	
DATA SHEET	1.STM32F746IET6.pdf 2.STM32F746IET6.pdf 3.STM32F746IET6.pdf	
VOLTAGE - SUPPLY (VCC/VDD)	1.7 V ~ 3.6 V	
SUPPLIER DEVICE PACKAGE	176-LQFP (24x24)	
SPEED	216MHz	
SERIES	STM32F7	
RAM SIZE	320K x 8	
PROGRAM MEMORY TYPE	FLASH	
PROGRAM MEMORY SIZE	512KB (512K x 8)	
PERIPHERALS	Brown-out Detect/Reset, DMA, I2S, LCD, POR, PWM, WDT	
PACKAGING	Tray	
PACKAGE / CASE	176-LQFP	
OTHER NAMES	497-16609	
OSCILLATOR TYPE	Internal	
OPERATING TEMPERATURE	-40°C ~ 85°C (TA)	
NUMBER OF I/O	140	
MOISTURE SENSITIVITY LEVEL (MSL)	3 (168 Hours)	
MANUFACTURER STANDARD LEAD TIME	14 Weeks	
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant	
EEPROM SIZE	-	
DETAILED DESCRIPTION	ARM® Cortex®-M7 STM32F7 Microcontroller IC 32-Bit 216MHz 512KB (512K x 8) FLASH 176-LQFP (24x24)	
DATA CONVERTERS	A/D 24x12b, D/A 2x12b	
CORE SIZE	32-Bit	
CORE PROCESSOR	ARM® Cortex®-M7	
CONNECTIVITY	CANNUS ERI/EMI Ethernet 12C IrDA LINNUS SAI SD SPDIE-RY SPI HART/HSART HSR OTG	

# **Related Tags**

STMicroelectronics STM32F746IET6	STM32F746IET6 Distributor	STM32F746IET6 Supplier
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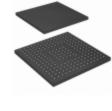
CONNECTIVITY

## **STM32F745ZGT7**

Manufacturers: STMicroelectronics Description: IC MCU 32BIT 1MB FLASH 144LQFP

In stock: Out stock

**RFQ** 



### **STM32F746IGK7**

CANbus, EBI/EMI, Ethernet, I<sup>2</sup>C, IrDA, LINbus, SAI, SD, SPDIF-Rx, SPI, UART/USART, USB OTG

Manufacturers: STMicroelectronics

Description: IC MCU 32BIT 1MB FLASH 176BGA In stock: Out stock

**RFQ** 



## **STM32F746IGT6**

Manufacturers: STMicroelectronics Description: IC MCU 32BIT 1MB FLASH 176LQFP

In stock: Out stock

**RFQ** 



### STM32F746G-DISCO

Manufacturers: STMicroelectronics Description: KIT DISCOVERY FOR STM32F746

In stock: 704 pcs

**RFQ** 



## **STM32F746BGT6**

Manufacturers: STMicroelectronics

Description: IC MCU 32BIT 1MB FLASH 208LQFP In stock: 784 pcs

**RFQ** 



### **STM32F746BET6**

Manufacturers: STMicroelectronics Description: IC MCU 32BIT 512KB FLASH 208LQFP

In stock: 347 pcs

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#### **STM32F746BGT7** Manufacturers: STMicroelectronics

Description: IC MCU 32BIT 1MB FLASH 208LQFP In stock: Out stock

**RFQ** 



#### **STM32F746IEK6** Manufacturers: STMicroelectronics

Description: IC MCU 32BIT 512KB FLASH 176BGA In stock: 6 pcs

**RFQ** 



#### **STM32F746IGK6** Manufacturers: STMicroelectronics

Description: IC MCU 32BIT 1MB FLASH 176UFBGA In stock: 890 pcs

**RFQ** 



#### **STM32F746IGT6E** Manufacturers: STMicroelectronics

Description: LQFP 176 24X24X1.4 In stock: Out stock

**RFQ** 



### **STM32F746IGT6G**

Description: LQFP 176 24X24X1.4 In stock: Out stock **RFQ** 

Manufacturers: STMicroelectronics



# **STM32F746IGT7**





In stock: Out stock

**RFQ** 

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