



STM32F407IEH7

Part Number: STM32F407IEH7
 Manufacturer/Brand: STMicroelectronics
 Product description: IC MCU 32BIT 512KB FLASH 176BGA
[PDF](#) 1.STM32F407IEH7.pdf
[PDF](#) 2.STM32F407IEH7.pdf
[PDF](#) 3.STM32F407IEH7.pdf
[PDF](#) 4.STM32F407IEH7.pdf
 Datasheets:
 RoHS Status: Lead free / RoHS Compliant
 Ship From: Hong Kong
 Shipment Way: DHL/Fedex/TNT/UPS/EMS

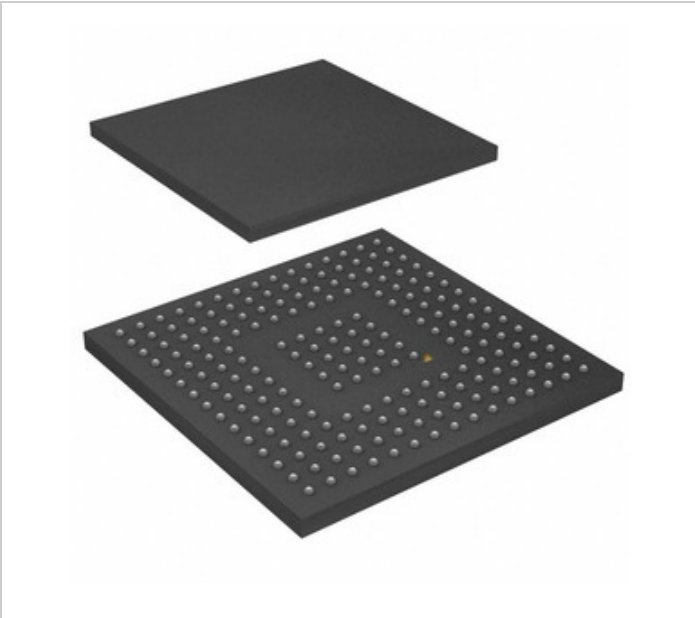


Image may be representation. See specifications for product details.

[REQUEST FOR QUOTATION](#)

Specifications of STM32F407IEH7

PART NUMBER	STM32F407IEH7
MANUFACTURER	STMicroelectronics
DESCRIPTION	IC MCU 32BIT 512KB FLASH 176BGA
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	PDF 1.STM32F407IEH7.pdf PDF 2.STM32F407IEH7.pdf PDF 3.STM32F407IEH7.pdf PDF 4.STM32F407IEH7.pdf
VOLTAGE - SUPPLY (VCC/VDD)	1.8 V ~ 3.6 V
SUPPLIER DEVICE PACKAGE	176+25UFBGA (10x10)
SPEED	168MHz
SERIES	STM32F4
RAM SIZE	192K 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	201-UFBGA
OTHER NAMES	497-16760
OSCILLATOR TYPE	Internal
OPERATING TEMPERATURE	-40°C ~ 105°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®-M4 STM32F4 Microcontroller IC 32-Bit 168MHz 512KB (512K x 8) FLASH 176+25UFBGA (10x10)
DATA CONVERTERS	A/D 24x12b, D/A 2x12b
CORE SIZE	32-Bit
CORE PROCESSOR	ARM® Cortex®-M4
CONNECTIVITY	CANbus, DCMI, EBI/EMI, Ethernet, I ² C, IrDA, LINbus, SPI, UART/USART, USB OTG

Related Tags

STMicroelectronics STM32F407IEH7	STM32F407IEH7 Distributor	STM32F407IEH7 Supplier
STM32F407IEH7 Price	STM32F407IEH7 Pictures	STM32F407IEH7 Image
STM32F407IEH7 PDF Datasheet	STM32F407IEH7 Download Datasheet	STM32F407IEH7 Datasheet
STM32F407IEH7 Stock	Buy STM32F407IEH7	Buy STMicroelectronics STM32F407IEH7
STMicroelectronics STM32F407IEH7	STMicroelectronics Supplier	STMicroelectronics Distributor
STMicroelectronics STM32F407IEH7		

Related Products

<p>STM32F405ZGT7 Manufacturers: STMicroelectronics Description: IC MCU 32BIT 1MB FLASH 144LQFP In stock: 304 pcs RFQ</p>	<p>STM32F407IEH6 Manufacturers: STMicroelectronics Description: IC MCU 32BIT 512KB FLASH 176UBGA In stock: Out stock RFQ</p>
<p>STM32F407IEH6TR Manufacturers: STMicroelectronics Description: UFBGA 10X10X0.6 176+ In stock: Out stock RFQ</p>	<p>STM32F407IGH6J Manufacturers: STMicroelectronics Description: IC MCU 32BIT 1MB FLASH 176UFBGA In stock: Out stock RFQ</p>
<p>STM32F405ZGT6W Manufacturers: STMicroelectronics Description: IC MCU 32BIT 1MB FLASH 144LQFP In stock: Out stock RFQ</p>	<p>STM32F407G-DISC1 Manufacturers: STMicroelectronics Description: EVAL KIT STM32F DISCOVERY In stock: 906 pcs RFQ</p>
<p>STM32F407IGT6 Manufacturers: STMicroelectronics Description: IC MCU 32BIT 1MB FLASH 176LQFP In stock: Out stock RFQ</p>	<p>STM32F407IGH6 Manufacturers: STMicroelectronics Description: IC MCU 32BIT 1MB FLASH 176UFBGA In stock: Out stock RFQ</p>
<p>STM32F405ZGT6V Manufacturers: STMicroelectronics Description: IC MCU 32BIT 1MB FLASH 144LQFP In stock: Out stock RFQ</p>	<p>STM32F407IGH7 Manufacturers: STMicroelectronics Description: IC MCU 32BIT 1MB FLASH 176UFBGA In stock: Out stock RFQ</p>
<p>STM32F407IET6 Manufacturers: STMicroelectronics Description: IC MCU 32BIT 512KB FLASH 176LQFP In stock: Out stock RFQ</p>	<p>STM32F407IGH6TR Manufacturers: STMicroelectronics Description: IC MCU 32BIT 1MB FLASH 176UFBGA In stock: Out stock RFQ</p>