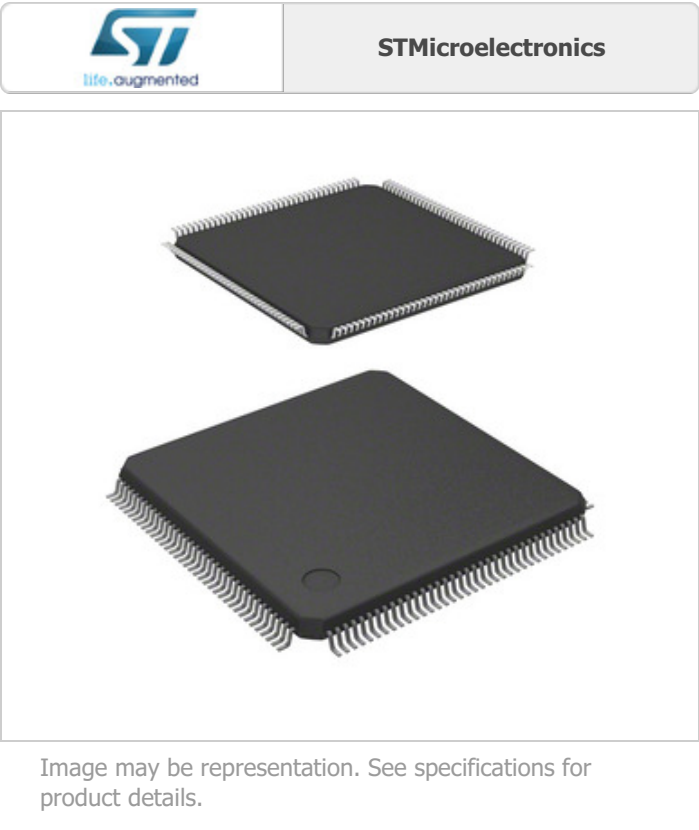




STM32F446ZET7

Part Number:	STM32F446ZET7
Manufacturer/Brand:	STMicroelectronics
Product description	IC MCU 32BIT 512KB FLASH 144LQFP
	1.STM32F446ZET7.pdf
	2.STM32F446ZET7.pdf
	3.STM32F446ZET7.pdf
	4.STM32F446ZET7.pdf
	 Lead free / RoHS Compliant
RoHs Status	Hong Kong
Ship From	
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

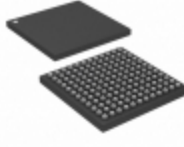
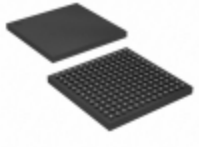
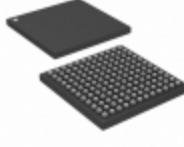
Specifications of STM32F446ZET7

PART NUMBER	STM32F446ZET7
MANUFACTURER	STMicroelectronics
DESCRIPTION	IC MCU 32BIT 512KB FLASH 144LQFP
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	1.STM32F446ZET7.pdf 2.STM32F446ZET7.pdf 3.STM32F446ZET7.pdf 4.STM32F446ZET7.pdf
VOLTAGE - SUPPLY (VCC/VDD)	1.7 V ~ 3.6 V
SUPPLIER DEVICE PACKAGE	144-LQFP (20x20)
SPEED	180MHz
SERIES	STM32F4
RAM SIZE	128K x 8
PROGRAM MEMORY TYPE	FLASH
PROGRAM MEMORY SIZE	512KB (512K x 8)
PERIPHERALS	Brown-out Detect/Reset, DMA, I²S, LVD, POR, PWM, WDT
PACKAGING	Tray
PACKAGE / CASE	144-LQFP
OTHER NAMES	497-16778
OSCILLATOR TYPE	Internal
OPERATING TEMPERATURE	-40°C ~ 105°C (TA)
NUMBER OF I/O	114
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 180MHz 512KB (512K x 8) FLASH 144-LQFP (20x20)
DATA CONVERTERS	A/D 24x12b, A/D 2x12b
CORE SIZE	32-Bit
CORE PROCESSOR	ARM® Cortex®-M4
CONNECTIVITY	CANbus, EBI/EMI, I²C, IrDA, LINbus, SAI, SD, SPDIF-Rx, SPI, UART/USART, USB, USB OTG

Related Tags

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 STM32F469AGH6TR Manufacturers: STMicroelectronics Description: UFBGA 7X7X0.6 169L P In stock: Out stock RFQ	 STM32F469AEH6 Manufacturers: STMicroelectronics Description: IC MCU 32BIT 512KB FLASH 169BGA In stock: Out stock RFQ
 STM32F469AGY6TR Manufacturers: STMicroelectronics Description: IC MCU 32BIT 1MB FLASH 168CSP In stock: Out stock RFQ	 STM32F446ZEJ7TR Manufacturers: STMicroelectronics Description: IC MCU 32BIT 512KB FLASH 144UFBG In stock: Out stock RFQ
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