



STMicroelectronics



STM32F446ZCH6

Part Number:	STM32F446ZCH6
Manufacturer/Brand:	STMicroelectronics
Product description	IC MCU 32BIT 256KB FLASH 144BGA
Datasheets:	 STM32F446ZCH6.pdf
RoHs Status	 Lead free / RoHS Compliant
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

Image may be representation. See specifications for product details.

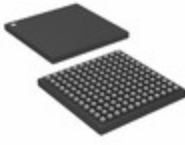
Specifications of STM32F446ZCH6

PART NUMBER	STM32F446ZCH6
MANUFACTURER	STMicroelectronics
DESCRIPTION	IC MCU 32BIT 256KB FLASH 144BGA
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	 STM32F446ZCH6.pdf
VOLTAGE - SUPPLY (VCC/VDD)	1.7 V ~ 3.6 V
SPEED	180MHz
SERIES	STM32F4
RAM SIZE	128K x 8
PROGRAM MEMORY TYPE	FLASH
PROGRAM MEMORY SIZE	256KB (256K x 8)
PERIPHERALS	Brown-out Detect/Reset, DMA, I²S, LVD, POR, PWM, WDT
PACKAGING	Tape & Reel (TR)
PACKAGE / CASE	144-UFBGA
OSCILLATOR TYPE	Internal
OPERATING TEMPERATURE	-40°C ~ 85°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 256KB (256K x 8) FLASH
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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STM32F446ZCH6		

Related Products



STM32F446ZEH6TR

Manufacturers: STMicroelectronics
Description: UFBGA 7X7X0.60 144L
In stock: Out stock

RFQ



STM32F446ZCH7

Manufacturers: STMicroelectronics
Description: IC MCU 32BIT 256KB FLASH 144UFBG
In stock: Out stock

RFQ



STM32F446VCT6

Manufacturers: STMicroelectronics
Description: IC MCU 32BIT 256KB FLASH 100LQFP
In stock: Out stock

RFQ



STM32F446VET6

Manufacturers: STMicroelectronics
Description: IC MCU 32BIT 512KB FLASH 100LQFP
In stock: Out stock

RFQ



STM32F446ZCT6

Manufacturers: STMicroelectronics
Description: IC MCU 32BIT 256KB FLASH 144LQFP
In stock: 365 pcs

RFQ



STM32F446VET7

Manufacturers: STMicroelectronics
Description: IC MCU 32BIT 512KB FLASH 100LQFP
In stock: Out stock

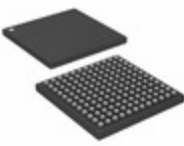
RFQ



STM32F446ZCJ6

Manufacturers: STMicroelectronics
Description: IC MCU 32BIT 256KB FLASH 144BGA
In stock: Out stock

RFQ



STM32F446ZEH6

Manufacturers: STMicroelectronics
Description: IC MCU 32BIT 512KB FLASH 144UBGA
In stock: Out stock

RFQ



STM32F446VET6TR

Manufacturers: STMicroelectronics
Description: LQFP 100 14X14X1.4
In stock: Out stock

RFQ



STM32F446VCT7

Manufacturers: STMicroelectronics
Description: LQFP 100 14X14X1.4
In stock: Out stock

RFQ



STM32F446RET7TR

Manufacturers: STMicroelectronics
Description: IC MCU 32BIT 512KB FLASH 64LQFP
In stock: Out stock

RFQ



STM32F446ZCT6JTR

Manufacturers: STMicroelectronics
Description: LQFP 144 20X20X1.4 2
In stock: Out stock

RFQ