



STM32F446ZCH6

Part Number:	STM32F446ZCH6
Manufacturer/Brand:	STMicroelectronics
Product description	IC MCU 32BIT 256KB FLASH 144BGA
Datasheets:	 STM32F446ZCH6.pdf
RoHs Status	 Lead free / RoHS Compliant
Stock Condition	18710 pcs stock
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

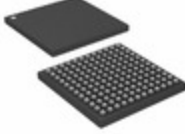
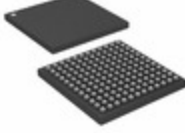
Specifications of STM32F446ZCH6

PART NUMBER	STM32F446ZCH6
MANUFACTURER	STMicroelectronics
DESCRIPTION	IC MCU 32BIT 256KB FLASH 144BGA
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	18710 pcs
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)
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

STMicroelectronics STM32F446ZCH6	STM32F446ZCH6 Distributor	STM32F446ZCH6 Supplier
STM32F446ZCH6 Price	STM32F446ZCH6 Pictures	STM32F446ZCH6 Image
STM32F446ZCH6 PDF Datasheet	STM32F446ZCH6 Download Datasheet	STM32F446ZCH6 Datasheet
STM32F446ZCH6 Stock	Buy STM32F446ZCH6	Buy STMicroelectronics STM32F446ZCH6
STMicroelectronics STM32F446ZCH6	STMicroelectronics Supplier	STMicroelectronics Distributor
STM32F446ZCH6		

Related Products

 STM32F446RET7TR Manufacturers: STMicroelectronics Description: IC MCU 32BIT 512KB FLASH 64LQFP In stock: 17085 pcs RFQ	 STM32F446ZCT6 Manufacturers: STMicroelectronics Description: IC MCU 32BIT 256KB FLASH 144LQFP In stock: 10087 pcs RFQ
 STM32F446VCT7 Manufacturers: STMicroelectronics Description: LQFP 100 14X14X1.4 In stock: 15657 pcs RFQ	 STM32F446VET6TR Manufacturers: STMicroelectronics Description: LQFP 100 14X14X1.4 In stock: 18579 pcs RFQ
 STM32F446ZCJ6 Manufacturers: STMicroelectronics Description: IC MCU 32BIT 256KB FLASH 144BGA In stock: 18147 pcs RFQ	 STM32F446VCT6 Manufacturers: STMicroelectronics Description: IC MCU 32BIT 256KB FLASH 100LQFP In stock: 15771 pcs RFQ
 STM32F446ZEH6 Manufacturers: STMicroelectronics Description: IC MCU 32BIT 512KB FLASH 144UBGA In stock: 11211 pcs RFQ	 STM32F446ZCT6JTR Manufacturers: STMicroelectronics Description: LQFP 144 20X20X1.4 2 In stock: 14596 pcs RFQ
 STM32F446ZEH6TR Manufacturers: STMicroelectronics Description: UFBGA 7X7X0.60 144L In stock: 15795 pcs RFQ	 STM32F446ZCH7 Manufacturers: STMicroelectronics Description: IC MCU 32BIT 256KB FLASH 144UFBG In stock: 20307 pcs RFQ
 STM32F446VET6 Manufacturers: STMicroelectronics Description: IC MCU 32BIT 512KB FLASH 100LQFP In stock: 9497 pcs RFQ	 STM32F446VET7 Manufacturers: STMicroelectronics Description: IC MCU 32BIT 512KB FLASH 100LQFP In stock: 12413 pcs RFQ