










 life.augmented	Manufacturer Part Number: STM32F446ZCH6
	Manufacturer/Brand: STMicroelectronics
 Not Actual Photo YIC International Co., Limited.	Part of Description: IC MCU 32BIT 256KB FLASH 144BGA
	Datasheets:  STM32F446ZCH6.pdf
Image may be representation. See specs for product details.	RoHS Status:  Lead free / RoHS
	Stock Condition: Compliant New original, Stock Available.
	Ship From: Hong Kong
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Specifications

Part Number	STM32F446ZCH6
Manufacturer	STMicroelectronics
Description	IC MCU 32BIT 256KB FLASH 144BGA
Category	Integrated Circuits (ICs) > Embedded - Microcontrollers
Part Status	Require For Quote & Check Stock
Series	STM32 F4
Operating Temperature	-40°C ~ 85°C (TA)
Package / Case	144-UFBGA
Peripherals	Brown-out Detect/Reset, DMA, I ² S, LVD, POR, PWM,
Core Processor	ARM® Cortex®-M4
Speed	180MHz
Number of I/O	114
EEPROM Size	-
RAM Size	128K x 8
Core Size	32-Bit
Connectivity	CAN, EBI/EMI, I ² C, IrDA, LIN, SAI, SD, SPDIF-Rx, SPI,
Program Memory Size	256KB (256K x 8)
Program Memory Type	FLASH
Voltage - Supply (Vcc/Vdd)	1.7 V ~ 3.6 V
Data Converters	A/D 24x12b, A/D 2x12b
Oscillator Type	Internal
Packaging	Tape & Reel (TR)























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 CP431AWA	 CPH5506-TL-E	 D749N3600	 DCP021207P-U-7	 DDZ9678-7
 DS1812R-5+T&R	 ELM14466AA-N	 GJM0335C1E2R2BB01D	 GRM188R61A564KA61D	 L5027103DA
 L78M05TL-TL-E	 LL2012-F1N8S	 LM5109BMAX/NOPB	 LM6181IMX/NOPB	 LMBT918LT1G
 LT1021DCS8-10#PBF	 LT1280ACSW	 LTC1485IN8	 MGA-82563-BLKG	 NAND512W3A2SZAXE
 NFM31PC276B0J3L	 NUF8610MNTXG	 OV09726-A40A-1D	 PI5A3158ZAE	 PSMN5R0-100BS
 PVI1050NSPBF	 QSMT-BG28-A9990	 RGL34J-E3/98	 RT9198A-44PY.TR	 SAFEB1G57FM0F00R14
 SIL104-221PFSSN	 SK35GD065T	 SKKL106/08E	 SKT250/12C	 SKY77524-15
 TLV1391CDBVR-T1	 TZMC33-GS08	 UPC8233TK-E2-A	 V48C15H150AL2	 VI-PU30-EYX

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