


 life.augmented	Manufacturer Part Number: STM32F446ZET6
	Manufacturer/Brand: STMicroelectronics
 <small>YIC International Co., Limited.</small>	Part of Description: IC MCU 32BIT 512KB FLASH 144LQFP
	Datasheets:  STM32F446ZET6.pdf
RoHS Status:  Lead free / RoHS	Stock Condition: Compliant New original, Stock Available.
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Specifications

Part Number	STM32F446ZET6
Manufacturer	STMicroelectronics
Description	IC MCU 32BIT 512KB FLASH 144LQFP
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-LQFP
Supplier Device Package	144-LQFP (20x20)
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	512KB (512K 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	Tray

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