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	Manufacturer/Brand: STMicroelectronics
 Not Actual Photo YIC International Co., Limited.	Part of Description: IC MCU 32BIT 512KB FLASH 64LQFP
	Datasheets:  STM32F446RET6.pdf
Image may be representation. See specs for product details.	RoHs Status:  Lead free / RoHS
	Stock Condition: Compliant New original, 4800 pcs Stock Available.
	Ship From: Hong Kong
	Shipment Way: DHL/Fedex/TNT/UPS/EMS

Specifications

Part Number	STM32F446RET6
Manufacturer	STMicroelectronics
Description	IC MCU 32BIT 512KB FLASH 64LQFP
Category	Integrated Circuits (ICs) > Embedded - Microcontrollers
Part Status	4800 pcs Stock
Voltage - Supply (Vcc/Vdd)	1.7 V ~ 3.6 V
Supplier Device Package	64-LQFP (10x10)
Speed	180MHz
Series	STM32 F4
RAM Size	128K x 8
Program Memory Type	FLASH
Program Memory Size	512KB (512K x 8)
Peripherals	Brown-out Detect/Reset, DMA, I ² S, LVD, POR, PWM,
Packaging	Tray
Package / Case	64-LQFP
Oscillator Type	Internal
Operating Temperature	-40°C ~ 85°C (TA)
Number of I/O	50
EEPROM Size	-
Data Converters	A/D 16x12b, D/A 2x12b
Core Size	32-Bit
Core Processor	ARM® Cortex®-M4
Connectivity	CAN, EBI/EMI, I ² C, IrDA, LIN, SAI, SD, SPDIF-Rx, SPI,

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