






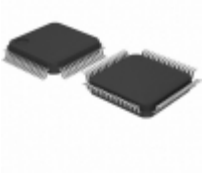


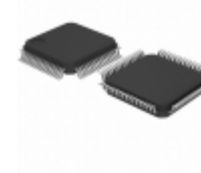


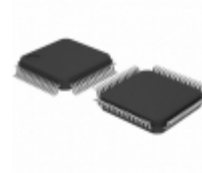
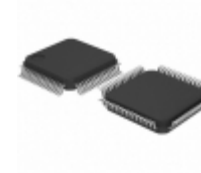
 life.augmented	<b>Manufacturer Part Number:</b> STM32F446RET7
	<b>Manufacturer/Brand:</b> STMicroelectronics
	<b>Part of Description:</b> IC MCU 32BIT 512KB FLASH 64LQFP
	<b>Datasheets:</b> <ul style="list-style-type: none"> <li> <a href="#">1.STM32F446RET7.pdf</a></li> <li> <a href="#">2.STM32F446RET7.pdf</a></li> <li> <a href="#">3.STM32F446RET7.pdf</a></li> <li> <a href="#">4.STM32F446RET7.pdf</a></li> </ul>
	<b>RoHs Status:</b>  Lead free / RoHS
	<b>Stock Condition:</b>  New original, Stock Available.
<b>Ship From:</b> Hong Kong	
<b>Shipment Way:</b> DHL/Fedex/TNT/UPS/EMS	

Specifications

Part Number	STM32F446RET7
Manufacturer	STMicroelectronics
Description	IC MCU 32BIT 512KB FLASH 64LQFP
Category	Integrated Circuits (ICs) > Embedded - Microcontrollers
Part Status	Require For Quote & Check Stock
Series	STM32 F4
Operating Temperature	-40°C ~ 105°C (TA)
Package / Case	64-LQFP
Supplier Device Package	64-LQFP (10x10)
Peripherals	Brown-out Detect/Reset, DMA, I <sup>2</sup> S, LVD, POR, PWM,
Core Processor	ARM® Cortex®-M4
Speed	180MHz
Number of I/O	50
EEPROM Size	-
RAM Size	128K x 8
Core Size	32-Bit
Connectivity	CAN, EBI/EMI, I <sup>2</sup> 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 16x12b, D/A 2x12b
Oscillator Type	Internal
Packaging	Tray


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