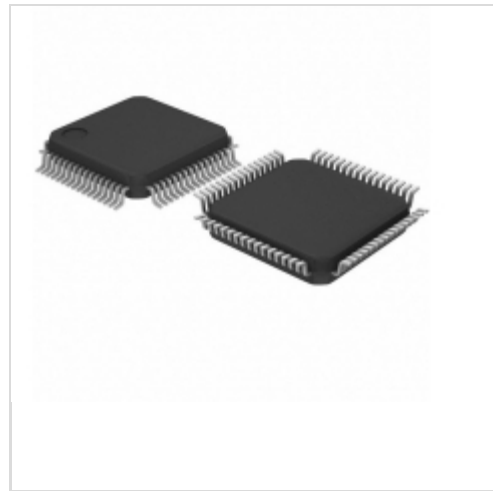


STM32F446RET6



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IC MCU 32BIT 512KB FLASH 64LQFP

Lead free / RoHS Compliant

Integrated Circuits (ICs)

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Specifications

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, WDT
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, UART/USART, USB, USB OTG

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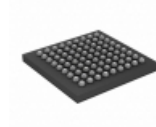
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STM32F446ZCH6

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STM32F446MEY6TR

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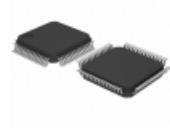
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STM32F446VET7

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STM32F446RCT6

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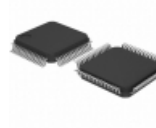
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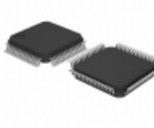
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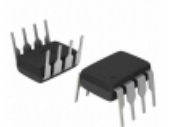


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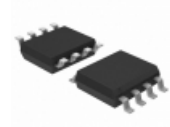
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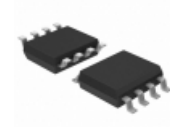
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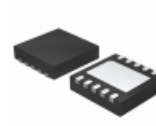
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