





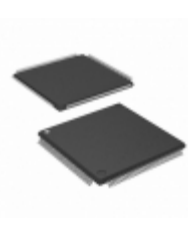





 life.augmented	Manufacturer Part Number: STM32F437ZIT7TR
	Manufacturer/Brand: STMicroelectronics
 <small>Image may be representation. See specs for product details.</small>	Part of Description: IC MCU 32BIT 2MB FLASH 144LQFP
	Datasheets: <ul style="list-style-type: none">  1.STM32F437ZIT7TR.pdf  2.STM32F437ZIT7TR.pdf
	RoHs Status:  Lead free / RoHS
	Stock Condition: Compliant New original, Stock Available.
	Ship From: Hong Kong
	Shipment Way: DHL/Fedex/TNT/UPS/EMS

Specifications

Part Number	STM32F437ZIT7TR
Manufacturer	STMicroelectronics
Description	IC MCU 32BIT 2MB FLASH 144LQFP
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	144-LQFP
Supplier Device Package	144-LQFP (20x20)
Peripherals	Brown-out Detect/Reset, DMA, I ² S, LCD, POR, PWM,
Core Processor	ARM® Cortex®-M4
Speed	168MHz
Number of I/O	114
EEPROM Size	-
RAM Size	256K x 8
Core Size	32-Bit
Connectivity	CAN, EBI/EMI, Ethernet, I ² C, IrDA, LIN, SPI,
Program Memory Size	2MB (2M x 8)
Program Memory Type	FLASH
Voltage - Supply (Vcc/Vdd)	1.8 V ~ 3.6 V
Data Converters	A/D 24x12b, D/A 2x12b
Oscillator Type	Internal
Packaging	Tape & Reel (TR)

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