



STMicroelectronics



Image may be representation. See specifications for product details.

STM32F437ZIT7TR

Part Number:	STM32F437ZIT7TR
Manufacturer/Brand:	STMicroelectronics
Product description	IC MCU 32BIT 2MB FLASH 144LQFP
	 1.STM32F437ZIT7TR.pdf
	 2.STM32F437ZIT7TR.pdf
Datasheets:	 Lead free / RoHS Compliant
RoHs Status	
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

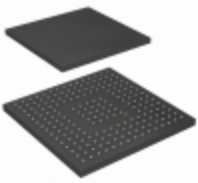
Specifications of STM32F437ZIT7TR

PART NUMBER	STM32F437ZIT7TR
MANUFACTURER	STMicroelectronics
DESCRIPTION	IC MCU 32BIT 2MB FLASH 144LQFP
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	 1.STM32F437ZIT7TR.pdf  2.STM32F437ZIT7TR.pdf
VOLTAGE - SUPPLY (VCC/VDD)	1.8 V ~ 3.6 V
SUPPLIER DEVICE PACKAGE	144-LQFP (20x20)
SPEED	180MHz
SERIES	STM32F4
RAM SIZE	256K x 8
PROGRAM MEMORY TYPE	FLASH
PROGRAM MEMORY SIZE	2MB (2M x 8)
PERIPHERALS	Brown-out Detect/Reset, DMA, I²S, LCD, POR, PWM, WDT
PACKAGING	Tape & Reel (TR)
PACKAGE / CASE	144-LQFP
OSCILLATOR TYPE	Internal
OPERATING TEMPERATURE	-40°C ~ 105°C (TA)
NUMBER OF I/O	114
MOISTURE SENSITIVITY LEVEL (MSL)	3 (168 Hours)
MANUFACTURER STANDARD LEAD TIME	14 Weeks
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
EEPROM SIZE	-
DETAILED DESCRIPTION	ARM® Cortex®-M4 STM32F4 Microcontroller IC 32-Bit 180MHz 2MB (2M x 8) FLASH 144-LQFP (20x20)
DATA CONVERTERS	A/D 24x12b, D/A 2x12b
CORE SIZE	32-Bit
CORE PROCESSOR	ARM® Cortex®-M4
CONNECTIVITY	CANbus, EBI/EMI, Ethernet, I²C, IrDA, LINbus, SPI, UART/USART, USB OTG
BASE PART NUMBER	STM32F437

Related Tags

STMicroelectronics STM32F437ZIT7TR	STM32F437ZIT7TR Distributor	STM32F437ZIT7TR Supplier
STM32F437ZIT7TR Price	STM32F437ZIT7TR Pictures	STM32F437ZIT7TR Image
STM32F437ZIT7TR PDF Datasheet	STM32F437ZIT7TR Download Datasheet	STM32F437ZIT7TR Datasheet
STM32F437ZIT7TR Stock	Buy STM32F437ZIT7TR	Buy STMicroelectronics STM32F437ZIT7TR
STMicroelectronics STM32F437ZIT7TR	STMicroelectronics Supplier	STMicroelectronics Distributor
STMicroelectronics STM32F437ZIT7TR		

Related Products

 STM32F437ZIT7 Manufacturers: STMicroelectronics Description: IC MCU 32BIT 2MB FLASH 144LQFP In stock: 506 pcs RFQ	 STM32F437VIT7TR Manufacturers: STMicroelectronics Description: IC MCU 32BIT 2MB FLASH 100LQFP In stock: Out stock RFQ
 STM32F437VIT6WTR Manufacturers: STMicroelectronics Description: IC MCU 32BIT 2MB FLASH 100LQFP In stock: Out stock RFQ	 STM32F439AIH6 Manufacturers: STMicroelectronics Description: IC MCU 32BIT 2MB FLASH 169UFBGA In stock: Out stock RFQ
 STM32F439BIT6 Manufacturers: STMicroelectronics Description: IC MCU 32BIT 2MB FLASH 208LQFP In stock: 222 pcs RFQ	 STM32F437VIT7 Manufacturers: STMicroelectronics Description: IC MCU 32BIT 2MB FLASH 100LQFP In stock: Out stock RFQ
 STM32F437ZGT6 Manufacturers: STMicroelectronics Description: IC MCU 32BIT 1MB FLASH 144LQFP In stock: 142 pcs RFQ	 STM32F439IGH6 Manufacturers: STMicroelectronics Description: IC MCU 32BIT 1MB FLASH 176BGA In stock: Out stock RFQ
 STM32F439IGT6 Manufacturers: STMicroelectronics Description: IC MCU 32BIT 1MB FLASH 176LQFP In stock: Out stock RFQ	 STM32F437ZIT6 Manufacturers: STMicroelectronics Description: IC MCU 32BIT 2MB FLASH 144LQFP In stock: 794 pcs RFQ
 STM32F439BGT6 Manufacturers: STMicroelectronics Description: IC MCU 32BIT 1MB FLASH 208LQFP In stock: Out stock RFQ	 STM32F439BIT6J Manufacturers: STMicroelectronics Description: IC MCU 32BIT 2MB FLASH 208LQFP In stock: Out stock RFQ