



Image may be representation. See specifications for product details.

STM32F437IIH6TR

Part Number:	STM32F437IIH6TR
Manufacturer/Brand:	STMicroelectronics
Product description	IC MCU 32BIT 2MB FLASH 176UFBGA
Datasheets:	PDF STM32F437IIH6TR.pdf
RoHs Status	Lead free / RoHS Compliant
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

Specifications of STM32F437IIH6TR

PART NUMBER	STM32F437IIH6TR
MANUFACTURER	STMicroelectronics
DESCRIPTION	IC MCU 32BIT 2MB FLASH 176UFBGA
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	PDF STM32F437IIH6TR.pdf
VOLTAGE - SUPPLY (VCC/VDD)	1.8 V ~ 3.6 V
SUPPLIER DEVICE PACKAGE	176+25UFBGA (10x10)
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	201-UFBGA
OSCILLATOR TYPE	Internal
OPERATING TEMPERATURE	-40°C ~ 85°C (TA)
NUMBER OF I/O	140
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 176+25UFBGA (10x10)
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 STM32F437IIH6TR	STM32F437IIH6TR Distributor	STM32F437IIH6TR Supplier
STM32F437IIH6TR Price	STM32F437IIH6TR Pictures	STM32F437IIH6TR Image
STM32F437IIH6TR PDF Datasheet	STM32F437IIH6TR Download Datasheet	STM32F437IIH6TR Datasheet
STM32F437IIH6TR Stock	Buy STM32F437IIH6TR	Buy STMicroelectronics STM32F437IIH6TR
STMicroelectronics STM32F437IIH6TR	STMicroelectronics Supplier	STMicroelectronics Distributor
STM32F437IIH6TR		

Related Products

STM32F437AIH6TR Manufacturers: STMicroelectronics Description: IC MCU 32BIT 2MB FLASH 169BGA In stock: Out stock RFQ	STM32F437IIT6 Manufacturers: STMicroelectronics Description: IC MCU 32BIT 2MB FLASH 176LQFP In stock: 370 pcs RFQ
STM32F437VGT7TR Manufacturers: STMicroelectronics Description: IC MCU 32BIT 1MB FLASH 100LQFP In stock: Out stock RFQ	STM32F437VGT6 Manufacturers: STMicroelectronics Description: IC MCU 32BIT 1MB FLASH 100LQFP In stock: Out stock RFQ
STM32F437VIT6 Manufacturers: STMicroelectronics Description: IC MCU 32BIT 2MB FLASH 100LQFP In stock: 350 pcs RFQ	STM32F437AIH6 Manufacturers: STMicroelectronics Description: IC MCU 32BIT 2MB FLASH 169BGA In stock: Out stock RFQ
STM32F437IIT7 Manufacturers: STMicroelectronics Description: IC MCU 32BIT 2MB FLASH 176LQFP In stock: Out stock RFQ	STM32F437VGT7 Manufacturers: STMicroelectronics Description: IC MCU 32BIT 1MB FLASH 100LQFP In stock: Out stock RFQ
STM32F429ZII6TR Manufacturers: STMicroelectronics Description: IC MCU 32BIT 2MB FLASH 143WLCSP In stock: Out stock RFQ	STM32F437IGH6 Manufacturers: STMicroelectronics Description: IC MCU 32BIT 1MB FLASH 176UFBGA In stock: Out stock RFQ
STM32F437IGT6 Manufacturers: STMicroelectronics Description: IC MCU 32BIT 1MB FLASH 176LQFP In stock: 60 pcs RFQ	STM32F437IIH6 Manufacturers: STMicroelectronics Description: IC MCU 32BIT 2MB FLASH 176UFBGA In stock: Out stock RFQ