



Image may be representation. See specifications for product details.

STM32F437IIH6

Part Number:	STM32F437IIH6
Manufacturer/Brand:	STMicroelectronics
Product description	IC MCU 32BIT 2MB FLASH 176UFBGA
Datasheets:	STM32F437IIH6.pdf
RoHs Status	Lead free / RoHS Compliant
Stock Condition	6217 pcs stock
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

Specifications of STM32F437IIH6

PART NUMBER	STM32F437IIH6
MANUFACTURER	STMicroelectronics
DESCRIPTION	IC MCU 32BIT 2MB FLASH 176UFBGA
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	6217 pcs
DATA SHEET	STM32F437IIH6.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	Tray
PACKAGE / CASE	201-UFBGA
OTHER NAMES	497-17462 STM32F437IIH6-ND
OSCILLATOR TYPE	Internal
OPERATING TEMPERATURE	-40°C ~ 85°C (TA)
NUMBER OF I/O	140
MOISTURE SENSITIVITY LEVEL (MSL)	3 (168 Hours)
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 STM32F437IIH6	STM32F437IIH6 Distributor	STM32F437IIH6 Supplier
STM32F437IIH6 Price	STM32F437IIH6 Pictures	STM32F437IIH6 Image
STM32F437IIH6 PDF Datasheet	STM32F437IIH6 Download Datasheet	STM32F437IIH6 Datasheet
STM32F437IIH6 Stock	Buy STM32F437IIH6	Buy STMicroelectronics STM32F437IIH6
STMicroelectronics STM32F437IIH6	STMicroelectronics Supplier	STMicroelectronics Distributor
STM32F437IIH6		

Related Products

STM32F437AIH6 Manufacturers: STMicroelectronics Description: IC MCU 32BIT 2MB FLASH 169BGA In stock: 11543 pcs RFQ	STM32F429ZIY6TR Manufacturers: STMicroelectronics Description: IC MCU 32BIT 2MB FLASH 143WLCSP In stock: 12506 pcs RFQ
STM32F437IIT6 Manufacturers: STMicroelectronics Description: IC MCU 32BIT 2MB FLASH 176LQFP In stock: 5720 pcs RFQ	STM32F437IIH6TR Manufacturers: STMicroelectronics Description: IC MCU 32BIT 2MB FLASH 176UFBGA In stock: 8489 pcs RFQ
STM32F437IGT6 Manufacturers: STMicroelectronics Description: IC MCU 32BIT 1MB FLASH 176LQFP In stock: 6058 pcs RFQ	STM32F437IGH6 Manufacturers: STMicroelectronics Description: IC MCU 32BIT 1MB FLASH 176UFBGA In stock: 10110 pcs RFQ
STM32F437AIH6TR Manufacturers: STMicroelectronics Description: IC MCU 32BIT 2MB FLASH 169BGA In stock: 9219 pcs RFQ	STM32F437IIT7 Manufacturers: STMicroelectronics Description: IC MCU 32BIT 2MB FLASH 176LQFP In stock: 7028 pcs RFQ
STM32F429ZIY6JTR Manufacturers: STMicroelectronics Description: WLCSP 143 BALLS DIE In stock: 12855 pcs RFQ	STM32F437VGT7TR Manufacturers: STMicroelectronics Description: IC MCU 32BIT 1MB FLASH 100LQFP In stock: 9470 pcs RFQ
STM32F437VGT6 Manufacturers: STMicroelectronics Description: IC MCU 32BIT 1MB FLASH 100LQFP In stock: 6363 pcs RFQ	STM32F437VGT7 Manufacturers: STMicroelectronics Description: IC MCU 32BIT 1MB FLASH 100LQFP In stock: 11106 pcs RFQ