



Image may be representation. See specifications for product details.

STM32F401CDU6

Part Number:	STM32F401CDU6
Manufacturer/Brand:	STMicroelectronics
Product description	IC MCU 32BIT 384KB FLASH 48QFPN
Datasheets:	1.STM32F401CDU6.pdf
	2.STM32F401CDU6.pdf
	3.STM32F401CDU6.pdf
RoHs Status	Lead free / RoHS Compliant
Stock Condition	32796 pcs stock
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

Specifications of STM32F401CDU6

PART NUMBER	STM32F401CDU6
MANUFACTURER	STMicroelectronics
DESCRIPTION	IC MCU 32BIT 384KB FLASH 48QFPN
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	32796 pcs
DATA SHEET	1.STM32F401CDU6.pdf 2.STM32F401CDU6.pdf 3.STM32F401CDU6.pdf
VOLTAGE - SUPPLY (VCC/VDD)	1.7 V ~ 3.6 V
SUPPLIER DEVICE PACKAGE	48-UFQFPN (7x7)
SPEED	84MHz
SERIES	STM32F4
RAM SIZE	96K x 8
PROGRAM MEMORY TYPE	FLASH
PROGRAM MEMORY SIZE	384KB (384K x 8)
PERIPHERALS	Brown-out Detect/Reset, DMA, I²S, POR, PWM, WDT
PACKAGING	Tray
PACKAGE / CASE	48-UFQFN Exposed Pad
OSCILLATOR TYPE	Internal
OPERATING TEMPERATURE	-40°C ~ 85°C (TA)
NUMBER OF I/O	36
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 84MHz 384KB (384K x 8) FLASH 48-UFQFPN (7x7)
DATA CONVERTERS	A/D 10x12b
CORE SIZE	32-Bit
CORE PROCESSOR	ARM® Cortex®-M4
CONNECTIVITY	I²C, IrDA, LINbus, SDIO, SPI, UART/USART, USB OTG

Related Tags

STMicroelectronics STM32F401CDU6	STM32F401CDU6 Distributor	STM32F401CDU6 Supplier
STM32F401CDU6 Price	STM32F401CDU6 Pictures	STM32F401CDU6 Image
STM32F401CDU6 PDF Datasheet	STM32F401CDU6 Download Datasheet	STM32F401CDU6 Datasheet
STM32F401CDU6 Stock	Buy STM32F401CDU6	Buy STMicroelectronics STM32F401CDU6
STMicroelectronics STM32F401CDU6	STMicroelectronics Supplier	STMicroelectronics Distributor
STMicroelectronics STM32F401CDU6		

Related Products

STM32F401CDU6TR Manufacturers: STMicroelectronics Description: IC MCU 32BIT 384KB FLASH 48UFQFP In stock: 31570 pcs RFQ	STM32F401CDY6TR Manufacturers: STMicroelectronics Description: IC MCU 32BIT 384KB FLASH 49WLCSP In stock: 29036 pcs RFQ
STM32F401CCY6UTT Manufacturers: STMicroelectronics Description: IC MCU 32BIT 256KB FLASH 49WLCSP In stock: 31021 pcs RFQ	STM32F401CEU6 Manufacturers: STMicroelectronics Description: IC MCU 32BIT 512KB FLASH 48QFPN In stock: 13447 pcs RFQ
STM32F401CCY6TT Manufacturers: STMicroelectronics Description: IC MCU 32BIT 256KB FLASH 49WLCSP In stock: 39646 pcs RFQ	STM32F401CCY6TR Manufacturers: STMicroelectronics Description: IC MCU 32BIT 256KB FLASH 49WLCSP In stock: 31035 pcs RFQ
STM32F401CCY6BTR Manufacturers: STMicroelectronics Description: IC MCU 32BIT 256KB FLASH 49WLCSP In stock: 36064 pcs RFQ	STM32F401CEY6TR Manufacturers: STMicroelectronics Description: IC MCU 32BIT 512KB FLASH 49WLCSP In stock: 35053 pcs RFQ
STM32F401CEY6BTR Manufacturers: STMicroelectronics Description: IC MCU 32BIT 512KB FLASH 49WLCSP In stock: 29844 pcs RFQ	STM32F401CDISCOX Manufacturers: STMicroelectronics Description: KIT DISCOVERY STM32F4 In stock: 4674 pcs RFQ
STM32F401CCY6BTT Manufacturers: STMicroelectronics Description: IC MCU 32BIT 256KB FLASH 49WLCSP In stock: 37314 pcs RFQ	STM32F401CEU6TR Manufacturers: STMicroelectronics Description: IC MCU 32BIT 512KB FLASH 48QFPN In stock: 30740 pcs RFQ