



Image may be representation. See specifications for product details.

STM32F042F4P6

Part Number:	STM32F042F4P6
Manufacturer/Brand:	STMicroelectronics
Product description	IC MCU 32BIT 16KB FLASH 20TSSOP
Datasheets:	STM32F042F4P6.pdf
RoHs Status	Lead free / RoHS Compliant
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

Specifications of STM32F042F4P6

PART NUMBER	STM32F042F4P6
MANUFACTURER	STMicroelectronics
DESCRIPTION	IC MCU 32BIT 16KB FLASH 20TSSOP
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	STM32F042F4P6.pdf
VOLTAGE - SUPPLY (VCC/VDD)	1.65 V ~ 3.6 V
SUPPLIER DEVICE PACKAGE	20-TSSOP
SPEED	48MHz
SERIES	STM32F0
RAM SIZE	6K x 8
PROGRAM MEMORY TYPE	FLASH
PROGRAM MEMORY SIZE	16KB (16K x 8)
PERIPHERALS	DMA, I²S, POR, PWM, WDT
PACKAGING	Tube
PACKAGE / CASE	20-TSSOP (0.173", 4.40mm Width)
OTHER NAMES	497-17343 STM32F042F4P6-ND
OSCILLATOR TYPE	Internal
OPERATING TEMPERATURE	-40°C ~ 85°C (TA)
NUMBER OF I/O	16
MOISTURE SENSITIVITY LEVEL (MSL)	1 (Unlimited)
MANUFACTURER STANDARD LEAD TIME	10 Weeks
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
EEPROM SIZE	-
DETAILED DESCRIPTION	ARM® Cortex®-M0 STM32F0 Microcontroller IC 32-Bit 48MHz 16KB (16K x 8) FLASH 20-TSSOP
DATA CONVERTERS	A/D 12x12b
CORE SIZE	32-Bit
CORE PROCESSOR	ARM® Cortex®-M0
CONNECTIVITY	CANbus, HDMI-CEC, I²C, IrDA, LINbus, SPI, UART/USART, USB

Related Tags

STMicroelectronics STM32F042F4P6	STM32F042F4P6 Distributor	STM32F042F4P6 Supplier
STM32F042F4P6 Price	STM32F042F4P6 Pictures	STM32F042F4P6 Image
STM32F042F4P6 PDF Datasheet	STM32F042F4P6 Download Datasheet	STM32F042F4P6 Datasheet
STM32F042F4P6 Stock	Buy STM32F042F4P6	Buy STMicroelectronics STM32F042F4P6
STMicroelectronics STM32F042F4P6	STMicroelectronics Supplier	STMicroelectronics Distributor
STM32F042F4P6		

Related Products

STM32F042C6T6R Manufacturers: STMicroelectronics Description: IC MCU 32BIT 32KB FLASH 48LQFP In stock: Out stock RFQ	STM32F042C4T6 Manufacturers: STMicroelectronics Description: IC MCU 32BIT 16KB FLASH 48LQFP In stock: Out stock RFQ
STM32F042F6P6 Manufacturers: STMicroelectronics Description: IC MCU 32BIT 32KB FLASH 20TSSOP In stock: Out stock RFQ	STM32F042C4U6 Manufacturers: STMicroelectronics Description: IC MCU 32BIT 16KB FLASH 48UFQFPN In stock: Out stock RFQ
STM32F042C6U7 Manufacturers: STMicroelectronics Description: IC MCU 32BIT 32KB FLASH 48UFQFPN In stock: Out stock RFQ	STM32F042G4U6TR Manufacturers: STMicroelectronics Description: IC MCU 32BIT 16KB FLASH 28UFQFPN In stock: Out stock RFQ
STM32F042G4U6 Manufacturers: STMicroelectronics Description: IC MCU 32BIT 16KB FLASH 28UFQFPN In stock: Out stock RFQ	STM32F042F6P7 Manufacturers: STMicroelectronics Description: IC MCU 32BIT 32KB FLASH 20TSSOP In stock: Out stock RFQ
STM32F042C6T6 Manufacturers: STMicroelectronics Description: IC MCU 32BIT 32KB FLASH 48LQFP In stock: Out stock RFQ	STM32F042F6P6TR Manufacturers: STMicroelectronics Description: IC MCU 32BIT 32KB FLASH 20TSSOP In stock: Out stock RFQ
STM32F042C6U6 Manufacturers: STMicroelectronics Description: IC MCU 32BIT 32KB FLASH 48UFQFPN In stock: 900 pcs RFQ	STM32F042F4P6TR Manufacturers: STMicroelectronics Description: IC MCU 32BIT 16KB FLASH 20TSSOP In stock: Out stock RFQ