infinity-electronic

STMicroelectronics

STM32F050F6P7

Part Number:	STM32F050F6P7
Manufacturer/Brand:	STMicroelectronics
Product description	IC MCU 32BIT 32KB FLASH 20TSSOP
Datasheets:	STM32F050F6P7.pdf
RoHS Status	Lead free / RoHS Compliant
Stock Condition	91793 pcs stock
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

Image may be representation. See specifications for product details.

Specifications of STM32F050F6P7

PART NUMBER	STM32F050F6P7
MANUFACTURER	STMicroelectronics
DESCRIPTION	IC MCU 32BIT 32KB FLASH 20TSSOP
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	91793 pcs
DATA SHEET	STM32F050F6P7.pdf
VOLTAGE - SUPPLY (VCC/VDD)	2 V ~ 3.6 V
SUPPLIER DEVICE PACKAGE	20-TSSOP
SPEED	48MHz
SERIES	STM32F0
RAM SIZE	4K x 8
PROGRAM MEMORY TYPE	FLASH
PROGRAM MEMORY SIZE	32KB (32K x 8)
PERIPHERALS	DMA, I²S, POR, PWM, WDT
PACKAGING	Tray
PACKAGE / CASE	20-TSSOP (0.173", 4.40mm Width)
OSCILLATOR TYPE	Internal
OPERATING TEMPERATURE	-40°C ~ 105°C (TA)
NUMBER OF I/O	15
MOISTURE SENSITIVITY LEVEL (MSL)	3 (168 Hours)
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
EEPROM SIZE	-
DETAILED DESCRIPTION	ARM® Cortex®-M0 STM32F0 Microcontroller IC 32-Bit 48MHz 32KB (32K x 8) FLASH 20-TSSOP
DATA CONVERTERS	A/D 9x12b
CORE SIZE	32-Bit
CORE PROCESSOR	ARM® Cortex®-M0
CONNECTIVITY	I²C, IrDA, LINbus, SPI, UART/USART
BASE PART NUMBER	STM32F050

Related Tags

STMicroelectronics STM32F050F6P7	STM32F050F6P7 Distributor	STM32F050F6P7 Supplier
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Related Products

STM32F051C4T6
Manufacturers: STMicroelectronics
Description: IC MCU 32BIT 16KB FLASH 48LQFP
In stock: 39264 pcs
RFQ

STM32F050C6T6A
Manufacturers: STMicroelectronics
Description: IC MCU 32BIT 32KB FLASH 48LQFP
In stock: 62151 pcs
RFQ

STM32F048C6U6TR
Manufacturers: STMicroelectronics
Description: IC MCU 32BIT 32KB FLASH 48UFQFN
In stock: 88736 pcs
RFQ

STM32F048T6Y6TR
Manufacturers: STMicroelectronics
Description: IC MCU 32BIT 32KB FLASH 36WLCSP
In stock: 83057 pcs
RFQ

STM32F051C4U6
Manufacturers: STMicroelectronics
Description: IC MCU 32BIT 16KB FLASH 48QFPN
In stock: 80196 pcs
RFQ

STM32F051C4T6TR
Manufacturers: STMicroelectronics
Description: IC MCU 32BIT 16KB FLASH 48LQFP
In stock: 78395 pcs
RFQ

STM32F048C6U6
Manufacturers: STMicroelectronics
Description: IC MCU 32BIT 32KB FLASH 48UFQFPN
In stock: 71810 pcs
RFQ

STM32F050C4T6A
Manufacturers: STMicroelectronics
Description: IC MCU 32BIT 16KB FLASH 48LQFP
In stock: 32248 pcs
RFQ

STM32F048G6U6
Manufacturers: STMicroelectronics
Description: IC MCU 32BIT 32KB FLASH 28QFPN
In stock: 72788 pcs
RFQ

STM32F051C6T6
Manufacturers: STMicroelectronics
Description: IC MCU 32BIT 32KB FLASH 48LQFP
In stock: 30218 pcs
RFQ

STM32F050K4U6A
Manufacturers: STMicroelectronics
Description: IC MCU 32BIT 16KB FLASH 32UFQFPN
In stock: 72408 pcs
RFQ

STM32F050K6U6A
Manufacturers: STMicroelectronics
Description: IC MCU 32BIT 32KB FLASH 32UFQFPN
In stock: 5905 pcs
RFQ