



Product Overview	
Digi-Key Part Number	497-17353-ND
Quantity Available	920 Can ship immediately
Manufacturer	STMicroelectronics
Manufacturer Part Number	STM32F070F6P6
Description	IC MCU 32BIT 32KB FLASH 20TSSOP
Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Moisture Sensitivity Level (MSL)	1 (Unlimited)
Manufacturer Standard Lead Time	20 Weeks
Detailed Description	ARM® Cortex®-M0 STM32F0 Microcontroller IC 32-Bit 48MHz 32KB (32K x 8) FLASH 20-TSSOP

Price & Procurement		
All prices are in USD.		
Price Break	Unit Price	Extended Price
1	1.61000	\$1.61
10	1.43500	\$14.35
100	1.11870	\$111.87
500	0.92416	\$462.08
1,000	0.72960	\$729.60
Submit a request for quotation on quantities greater than those displayed.		

Alternate Package | This part is also available in the following packaging:

Tape & Reel (TR) : 497-17354-2-ND
 Minimum Quantity: 2,500
 Quantity Available: 0
 Unit Price: \$0.68040

Cut Tape (CT) : 497-17354-1-ND
 Minimum Quantity: 1
 Quantity Available: 0
 Unit Price: \$1.48000

Digi-Reel® : 497-17354-6-ND
 Minimum Quantity: 1
 Quantity Available: 0
 Unit Price: Digi-Reel®

Documents & Media

Datasheets	STM32F070xB, 6x Datasheet
Online Catalog	STM32 F0

Product Attributes

Categories	Integrated Circuits (ICs) Embedded - Microcontrollers
Manufacturer	STMicroelectronics
Series	STM32F0
Packaging	Tube
Part Status	Active
Core Processor	ARM® Cortex®-M0
Core Size	32-Bit
Speed	48MHz
Connectivity	I²C, SPI, UART/USART, USB
Peripherals	DMA, POR, PWM, WDT
Number of I/O	15
Program Memory Size	32KB (32K x 8)
Program Memory Type	FLASH
EEPROM Size	-
RAM Size	6K x 8
Voltage - Supply (Vcc/Vdd)	2.4 V ~ 3.6 V
Data Converters	A/D 11x12b
Oscillator Type	Internal
Operating Temperature	-40°C ~ 85°C (TA)
Package / Case	20-TSSOP (0.173", 4.40mm Width)

Supplier Device Package		20-TSSOP
		70,861 Remaining
Associated Product		
		
ESDA7P120-1U1M STMicroelectronics TVS DIODE 11.5VC 120A IPP 1610 Unit Price \$0.38000 497-17159-1-ND	ESDA7P120-1U1M STMicroelectronics TVS DIODE 11.5VC 120A IPP 1610 Unit Price Digi-Reel® 497-17159-6-ND	ESDA7P120-1U1M STMicroelectronics TVS DIODE 11.5VC 120A IPP 1610 Unit Price \$0.09928 497-17159-2-ND

You May Also Be Interested In				
				
NUCLEO-F070RB STMicroelectronics KIT NUCLEO DEV STM32 F0 SERIES Unit Price \$10.99000 497-15095-ND	STM32L031F6P6 STMicroelectronics IC MCU 32BIT 32KB FLASH 20TSSOP Unit Price \$2.00000 497-17484-ND	NUCLEO-F030R8 STMicroelectronics BOARD NUCLEO STM32F0 SERIES Unit Price \$10.99000 497-14361-ND	STM32F030F4P6 STMicroelectronics IC MCU 32BIT 16KB FLASH 20TSSOP Unit Price \$1.30000 497-14044-5-ND	STM32F042F4P6 STMicroelectronics IC MCU 32BIT 16KB FLASH 20TSSOP Unit Price \$2.18000 497-17343-ND

Additional Resources	
Standard Package	1,480
Other Names	497-17353 STM32F070F6P6-ND

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