




STM32F031F6P7

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| Part Number: | STM32F031F6P7 |
| Manufacturer/Brand: | STMicroelectronics |
| Product description | IC MCU 32BIT 32KB FLASH 20TSSOP |
| | PDF 1.STM32F031F6P7.pdf |
| | PDF 2.STM32F031F6P7.pdf |
| | PDF 3.STM32F031F6P7.pdf |
| | PDF 4.STM32F031F6P7.pdf |
| | PDF 5.STM32F031F6P7.pdf |
| Datasheets: | |
| RoHs Status |  Lead free / RoHS Compliant |
| 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 STM32F031F6P7

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| PART NUMBER | STM32F031F6P7 |
| MANUFACTURER | STMicroelectronics |
| DESCRIPTION | IC MCU 32BIT 32KB FLASH 20TSSOP |
| LEAD FREE STATUS / ROHS STATUS | Lead free / RoHS Compliant |
| DATA SHEET | PDF 1.STM32F031F6P7.pdf |
| | PDF 2.STM32F031F6P7.pdf |
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| | PDF 4.STM32F031F6P7.pdf |
| | PDF 5.STM32F031F6P7.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, I ² S, POR, PWM, WDT |
| PACKAGING | Tube |
| PACKAGE / CASE | 20-TSSOP (0.173", 4.40mm Width) |
| OTHER NAMES | 497-17340 STM32F031F6P7-ND |
| OSCILLATOR TYPE | Internal |
| OPERATING TEMPERATURE | -40°C ~ 105°C (TA) |
| NUMBER OF I/O | 15 |
| 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 32KB (32K x 8) FLASH 20-TSSOP |
| DATA CONVERTERS | A/D 12x12b |
| CORE SIZE | 32-Bit |
| CORE PROCESSOR | ARM® Cortex®-M0 |
| CONNECTIVITY | I ² C, IrDA, LINbus, SPI, UART/USART |

Related Tags

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