



STM32F427ZIT7

Part Number:	STM32F427ZIT7
Manufacturer/Brand:	STMicroelectronics
Product description	IC MCU 32BIT 2MB FLASH 144LQFP
Datasheets:	 STM32F427ZIT7.pdf
RoHs Status	 Lead free / RoHS Compliant
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

Specifications of STM32F427ZIT7

PART NUMBER	STM32F427ZIT7
MANUFACTURER	STMicroelectronics
DESCRIPTION	IC MCU 32BIT 2MB FLASH 144LQFP
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	 STM32F427ZIT7.pdf
VOLTAGE - SUPPLY (VCC/VDD)	1.8 V ~ 3.6 V
SUPPLIER DEVICE PACKAGE	144-LQFP (20x20)
SPEED	180MHz
SERIES	STM32F4
RAM SIZE	256K x 8
PROGRAM MEMORY TYPE	FLASH
PROGRAM MEMORY SIZE	2MB (2M x 8)
PERIPHERALS	Brown-out Detect/Reset, DMA, I²S, POR, PWM, WDT
PACKAGING	Tray
PACKAGE / CASE	144-LQFP
OTHER NAMES	497-17451 STM32F427ZIT7-ND
OSCILLATOR TYPE	Internal
OPERATING TEMPERATURE	-40°C ~ 105°C (TA)
NUMBER OF I/O	114
MOISTURE SENSITIVITY LEVEL (MSL)	3 (168 Hours)
MANUFACTURER STANDARD LEAD TIME	14 Weeks
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
EEPROM SIZE	-
DETAILED DESCRIPTION	ARM® Cortex®-M4 STM32F4 Microcontroller IC 32-Bit 180MHz 2MB (2M x 8) FLASH 144-LQFP (20x20)
DATA CONVERTERS	A/D 24x12b, D/A 2x12b
CORE SIZE	32-Bit
CORE PROCESSOR	ARM® Cortex®-M4
CONNECTIVITY	CANbus, EBI/EMI, Ethernet, I²C, IrDA, LINbus, SPI, UART/USART, USB OTG

Related Tags

STMicroelectronics STM32F427ZIT7	STM32F427ZIT7 Distributor	STM32F427ZIT7 Supplier
STM32F427ZIT7 Price	STM32F427ZIT7 Pictures	STM32F427ZIT7 Image
STM32F427ZIT7 PDF Datasheet	STM32F427ZIT7 Download Datasheet	STM32F427ZIT7 Datasheet
STM32F427ZIT7 Stock	Buy STM32F427ZIT7	Buy STMicroelectronics STM32F427ZIT7
STMicroelectronics STM32F427ZIT7	STMicroelectronics Supplier	STMicroelectronics Distributor
STMicroelectronics STM32F427ZIT7		

Related Products

 STM32F429AIH6 Manufacturers: STMicroelectronics Description: IC MCU 32BIT 2MB FLASH 169UFBGA In stock: 656 pcs RFQ	 STM32F429BGT6 Manufacturers: STMicroelectronics Description: IC MCU 32BIT 1MB FLASH 208LQFP In stock: 357 pcs RFQ
 STM32F427VIT6 Manufacturers: STMicroelectronics Description: IC MCU 32BIT 2MB FLASH 100LQFP In stock: Out stock RFQ	 STM32F427ZIT6TR Manufacturers: STMicroelectronics Description: LQFP 144 20X20X1.4 2 In stock: Out stock RFQ
 STM32F427VIT6TR Manufacturers: STMicroelectronics Description: IC MCU 32BIT 2MB FLASH 100LQFP In stock: Out stock RFQ	 STM32F427ZIT6 Manufacturers: STMicroelectronics Description: IC MCU 32BIT 2MB FLASH 144LQFP In stock: 6 pcs RFQ
 STM32F427ZGT6 Manufacturers: STMicroelectronics Description: IC MCU 32BIT 1MB FLASH 144LQFP In stock: 145 pcs RFQ	 STM32F429BIT6 Manufacturers: STMicroelectronics Description: IC MCU 32BIT 2MB FLASH 208LQFP In stock: 149 pcs RFQ
 STM32F429AGH6 Manufacturers: STMicroelectronics Description: IC MCU 32BIT 1MB FLASH 169UFBGA In stock: Out stock RFQ	 STM32F427ZIT7TR Manufacturers: STMicroelectronics Description: IC MCU 32BIT 2MB FLASH 144LQFP In stock: Out stock RFQ
 STM32F427VIT7TR Manufacturers: STMicroelectronics Description: IC MCU 32BIT 2MB FLASH 100LQFP In stock: Out stock RFQ	 STM32F429BET6 Manufacturers: STMicroelectronics Description: IC MCU 32BIT 512KB FLASH 208LQFP In stock: Out stock RFQ