



STMicroelectronics

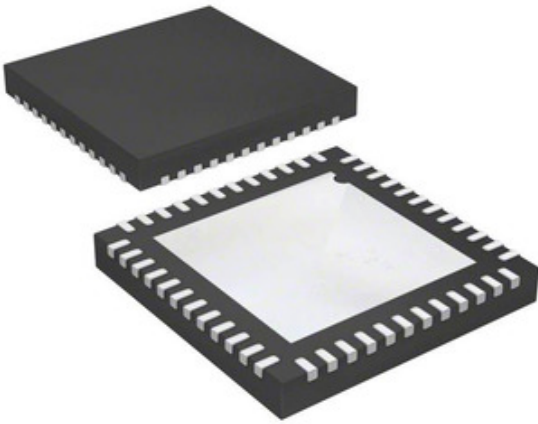


Image may be representation. See specifications for product details.

STSPIN32F0

Part Number:	STSPIN32F0
Manufacturer/Brand:	STMicroelectronics
Product description	IC BLDC CTRL STM32 48VFQFPN
	1.STSPIN32F0.pdf
	2.STSPIN32F0.pdf
	3.STSPIN32F0.pdf
	4.STSPIN32F0.pdf
	5.STSPIN32F0.pdf
	6.STSPIN32F0.pdf
Datasheets:	
RoHs Status	 Lead free / RoHS Compliant
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

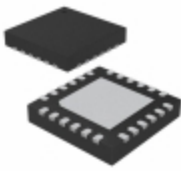
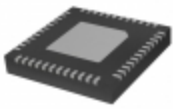
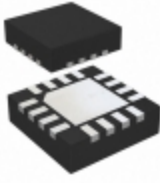
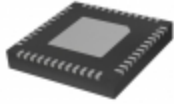
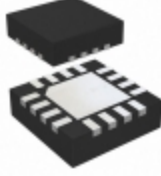
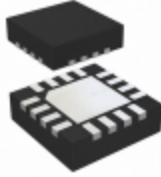
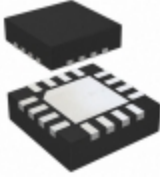
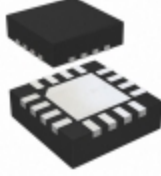
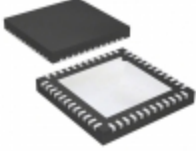
Specifications of STSPIN32F0

PART NUMBER	STSPIN32F0
MANUFACTURER	STMicroelectronics
DESCRIPTION	IC BLDC CTRL STM32 48VFQFPN
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	1.STSPIN32F0.pdf 2.STSPIN32F0.pdf 3.STSPIN32F0.pdf 4.STSPIN32F0.pdf 5.STSPIN32F0.pdf 6.STSPIN32F0.pdf
VOLTAGE - SUPPLY	8 V ~ 45 V
SUPPLIER DEVICE PACKAGE	48-VFQFPN (7x7)
SERIES	STM32
RAM SIZE	4K x 8
PROGRAM MEMORY TYPE	FLASH (32 KB)
PACKAGING	Tray
PACKAGE / CASE	48-VFQFN Exposed Pad
OTHER NAMES	497-16978
OPERATING TEMPERATURE	-40°C ~ 125°C (TJ)
NUMBER OF I/O	16
MOUNTING TYPE	Surface Mount
MOISTURE SENSITIVITY LEVEL (MSL)	3 (168 Hours)
MANUFACTURER STANDARD LEAD TIME	12 Weeks
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
INTERFACE	I²C, SPI, UART/USART
CORE PROCESSOR	ARM® Cortex®-M0
CONTROLLER SERIES	STM32F031x6x7
APPLICATIONS	BLDC Controller

Related Tags

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Related Products

 STSPIN820 Manufacturers: STMicroelectronics Description: STEPPER MOTOR DRIVERS In stock: 12 pcs RFQ	 STSPIN32F0ATR Manufacturers: STMicroelectronics Description: IC BLDC CTRL STM32 48VFQFPN In stock: Out stock RFQ
 STSPIN830 Manufacturers: STMicroelectronics Description: COMPACT AND VERSATILE THREE-PHAS In stock: Out stock RFQ	 STSPIN250 Manufacturers: STMicroelectronics Description: IC DC MOTOR DRIVER PWM 16VFQFPN In stock: Out stock RFQ
 STSPIN32F0A Manufacturers: STMicroelectronics Description: IND.& POWER CONV. In stock: 182 pcs RFQ	 STSMIA832TBR Manufacturers: STMicroelectronics Description: IC LINE RCVR 1.8V/2.8V 25-TFBGA In stock: Out stock RFQ
 STSPIN233 Manufacturers: STMicroelectronics Description: LOW VOLTAGE TRIPLE HALF-BRIDGE M In stock: 761 pcs RFQ	 STSPIN840 Manufacturers: STMicroelectronics Description: COMPACT DUAL BRUSHED DC MOTOR DR In stock: Out stock RFQ
 STSPIN240 Manufacturers: STMicroelectronics Description: LOW VOLTAGE DUAL BRUSH DC MOTOR In stock: Out stock RFQ	 STSPIN230 Manufacturers: STMicroelectronics Description: LOW VOLTAGE TRIPLE HALF-BRIDGE M In stock: Out stock RFQ
 STSPIN220 Manufacturers: STMicroelectronics Description: LOW VOLTAGE STEPPER MOTOR DRIVER In stock: 133 pcs RFQ	 STSPIN32F0TR Manufacturers: STMicroelectronics Description: IND & POWER CONV In stock: Out stock RFQ