



STMicroelectronics

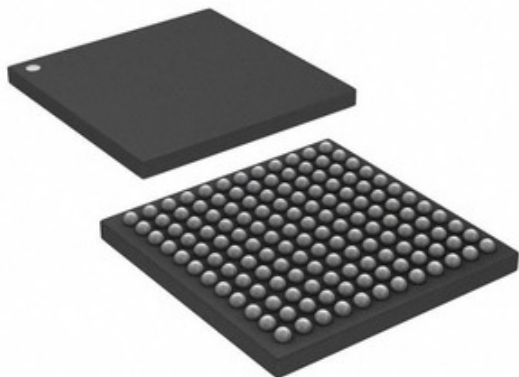


Image may be representation. See specifications for product details.

STR912FAZ42H6

Part Number:	STR912FAZ42H6
Manufacturer/Brand:	STMicroelectronics
Product description	IC MCU 32BIT 256KB FLSH 144LFBGA
Datasheets:	 STR912FAZ42H6.pdf
RoHs Status	 Lead free / RoHS Compliant
Stock Condition	11540 pcs stock
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

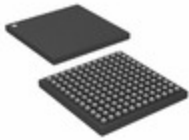
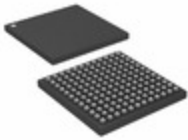
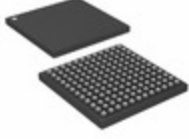
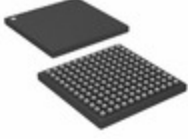
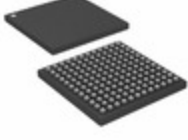
Specifications of STR912FAZ42H6

PART NUMBER	STR912FAZ42H6
MANUFACTURER	STMicroelectronics
DESCRIPTION	IC MCU 32BIT 256KB FLSH 144LFBGA
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	11540 pcs
DATA SHEET	 STR912FAZ42H6.pdf
VOLTAGE - SUPPLY (VCC/VDD)	1.65 V ~ 2 V
SPEED	96MHz
SERIES	STR9
RAM SIZE	96K x 8
PROGRAM MEMORY TYPE	FLASH
PROGRAM MEMORY SIZE	256KB (256K x 8)
PERIPHERALS	Brown-out Detect/Reset, DMA, Motor Control PWM, POR, PWM, WDT
PACKAGING	Tray
PACKAGE / CASE	144-LFBGA
OTHER NAMES	497-6285
OSCILLATOR TYPE	Internal
OPERATING TEMPERATURE	-40°C ~ 85°C (TA)
NUMBER OF I/O	80
MOISTURE SENSITIVITY LEVEL (MSL)	3 (168 Hours)
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
EEPROM SIZE	-
DETAILED DESCRIPTION	ARM9® STR9 Microcontroller IC 32-Bit 96MHz 256KB (256K x 8) FLASH
DATA CONVERTERS	A/D 8x10b
CORE SIZE	32-Bit
CORE PROCESSOR	ARM9®
CONNECTIVITY	CANbus, EBI/EMI, Ethernet, I²C, IrDA, Microwire, SPI, SSI, SSP, UART/USART, USB
BASE PART NUMBER	STR91*F

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 STR912FAZ47H6T Manufacturers: STMicroelectronics Description: IC MCU 32BIT 2MB FLASH 144LFBGA In stock: 6089 pcs RFQ	 STR912FAZ44H6T Manufacturers: STMicroelectronics Description: IC MCU 32BIT 512KB FLSH 144LFBGA In stock: 6958 pcs RFQ
 STR912FAW44X6T Manufacturers: STMicroelectronics Description: IC MCU 32BIT 512KB FLASH 128LQFP In stock: 6851 pcs RFQ	 STR912FAW47X6T Manufacturers: STMicroelectronics Description: IC MCU 32BIT 2MB FLASH 128LQFP In stock: 5913 pcs RFQ
 STR912FW42X6 Manufacturers: STMicroelectronics Description: IC MCU 32BIT 256KB FLASH 128LQFP In stock: 5500 pcs RFQ	 STR912FAW46X6 Manufacturers: STMicroelectronics Description: IC MCU 32BIT 1MB FLASH 128LQFP In stock: 6424 pcs RFQ
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