STMicroelectronics

STM32F732IEK6

Part Number:	STM32F732IEK6
Manufacturer/Brand:	STMicroelectronics
Product description	IC MCU 32BIT 512KB FLASH 176BGA
Datasheets:	1.STM32F732IEK6.pdf
	2.STM32F732IEK6.pdf
	3.STM32F732IEK6.pdf
RoHS Status	Lead free / RoHS Compliant
Stock Condition	8172 pcs stock
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 STM32F732IEK6

PART NUMBER	STM32F732IEK6
MANUFACTURER	STMicroelectronics
DESCRIPTION	IC MCU 32BIT 512KB FLASH 176BGA
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	8172 pcs
DATA SHEET	1.STM32F732IEK6.pdf
	2.STM32F732IEK6.pdf
	3.STM32F732IEK6.pdf
VOLTAGE - SUPPLY (VCC/VDD)	1.7 V ~ 3.6 V
SUPPLIER DEVICE PACKAGE	176+25UFBGA (10x10)
SPEED	216MHz
SERIES	STM32F7
RAM SIZE	256K x 8
PROGRAM MEMORY TYPE	FLASH
PROGRAM MEMORY SIZE	512KB (512K x 8)
PERIPHERALS	Brown-out Detect/Reset, DMA, I²S, POR, PWM, WDT
PACKAGING	Tray
PACKAGE / CASE	201-UFBGA
OTHER NAMES	497-17190 STM32F732IEK6-ND
OSCILLATOR TYPE	Internal
OPERATING TEMPERATURE	-40°C ~ 85°C (TA)
NUMBER OF I/O	140
MOISTURE SENSITIVITY LEVEL (MSL)	3 (168 Hours)
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
EEPROM SIZE	-
DETAILED DESCRIPTION	ARM® Cortex®-M7 STM32F7 Microcontroller IC 32-Bit 216MHz 512KB (512K x 8) FLASH 176+25UFBGA (10x10)
DATA CONVERTERS	A/D 24x12b, D/A 2x12b
CORE SIZE	32-Bit
CORE PROCESSOR	ARM® Cortex®-M7
CONNECTIVITY	CANbus, EBI/EMI, I²C, IrDA, LINbus, MMC/SD, QSPI, SAI, SPI, UART/USART, USB

Related Tags

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Related Products

STM32F723ZET6
Manufacturers: STMicroelectronics
Description: IC MCU 32BIT 512KB FLASH 144LQFP
In stock: 7550 pcs
RFQ
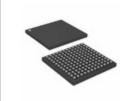
STM32F730R8T6
Manufacturers: STMicroelectronics
Description: HIGH-PERFORMANCE & DSP W/FPU ARM
In stock: 20662 pcs
RFQ

STM32F723ZEI6
Manufacturers: STMicroelectronics
Description: IC MCU 32BIT 512KB FLASH 144BGA
In stock: 6741 pcs
RFQ

STM32F733IET6
Manufacturers: STMicroelectronics
Description: IC MCU 32BIT 512KB FLASH 176LQFP
In stock: 6949 pcs
RFQ

STM32F732IET6
Manufacturers: STMicroelectronics
Description: IC MCU 32BIT 512KB FLASH 176LQFP
In stock: 7336 pcs
RFQ

STM32F730Z8T6
Manufacturers: STMicroelectronics
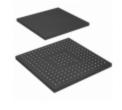Description: HIGH-PERFORMANCE & DSP W/FPU ARM
In stock: 16553 pcs
RFQ

STM32F732VET6
Manufacturers: STMicroelectronics
Description: IC MCU 32BIT 512KB FLASH 100LQFP
In stock: 11983 pcs
RFQ

STM32F730I8K6
Manufacturers: STMicroelectronics
Description: HIGH-PERFORMANCE & DSP W/FPU ARM
In stock: 11580 pcs
RFQ

STM32F730V8T6
Manufacturers: STMicroelectronics
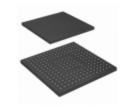Description: HIGH-PERFORMANCE & DSP W/FPU ARM
In stock: 15000 pcs
RFQ

STM32F732RET6
Manufacturers: STMicroelectronics
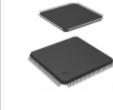Description: IC MCU 32BIT 512KB FLASH 64LQFP
In stock: 11975 pcs
RFQ

STM32F733IEK6
Manufacturers: STMicroelectronics
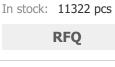Description: IC MCU 32BIT 512KB FLASH 176BGA
In stock: 11734 pcs
RFQ

STM32F732ZET6
Manufacturers: STMicroelectronics
Description: IC MCU 32BIT 512KB FLASH 144LQFP
In stock: 11322 pcs
RFQ