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STMicroelectronics



STM32F723IEK6

Part Number:	STM32F723IEK6
Manufacturer/Brand:	STMicroelectronics
Product description	IC MCU 32BIT 512KB FLASH 176BGA  1.STM32F723IEK6.pdf  2.STM32F723IEK6.pdf  3.STM32F723IEK6.pdf  4.STM32F723IEK6.pdf
Datasheets:	
RoHs Status	 Lead free / RoHS Compliant
Stock Condition	6783 pcs stock
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

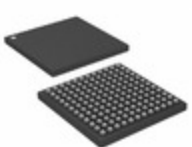
Specifications of STM32F723IEK6

PART NUMBER	STM32F723IEK6
MANUFACTURER	STMicroelectronics
DESCRIPTION	IC MCU 32BIT 512KB FLASH 176BGA
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	6783 pcs
DATA SHEET	 1.STM32F723IEK6.pdf  2.STM32F723IEK6.pdf  3.STM32F723IEK6.pdf  4.STM32F723IEK6.pdf
VOLTAGE - SUPPLY (VCC/VDD)	FLASH
VOLTAGE - BREAKDOWN	176-UFBGA (10x10)
SERIES	STM32 F7
ROHS STATUS	Tray
REVERSE RECOVERY TIME (TRR)	216MHz
REQUIRES	Brown-out Detect/Reset, DMA, I²S, POR, PWM, WDT
PROGRAM MEMORY TYPE	512KB (512K x 8)
PROGRAM MEMORY SIZE	CAN, EBI/EMI, I²C, IrDA, LIN, MMC/SD, QSPI, SAI, SPI, UART/USART, USB
POLARIZATION	176-UFBGA
OTHER NAMES	STM32F723IEK6-ND
OSCILLATOR TYPE	A/D 24x12b, D/A 2x12b
OPERATING TEMPERATURE	-40°C ~ 85°C (TA)
OPERATING SYSTEM	ARM® Cortex®-M7
MOISTURE SENSITIVITY LEVEL (MSL)	3 (168 Hours)
MANUFACTURER PART NUMBER	STM32F723IEK6
EXPANDED DESCRIPTION	ARM® Cortex®-M7 STM32 F7 Microcontroller IC 32-Bit 216MHz 512KB (512K x 8) FLASH 176-UFBGA (10x10)
DESCRIPTION	IC MCU 32BIT 512KB FLASH 176BGA
DATA SRAM BYTES	-
DATA CONVERTERS	1.7 V ~ 3.6 V
CORE SIZE	256K x 8
CONTROLLER SERIES	Internal
CONNECTIVITY	32-Bit
CLOCK RATE	138

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