


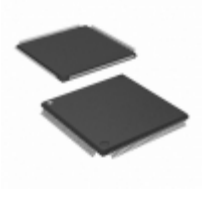
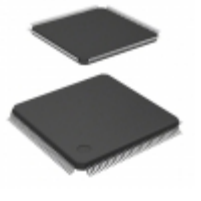

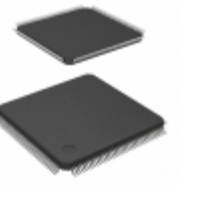

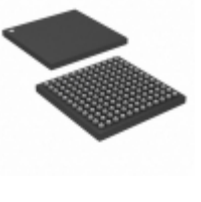

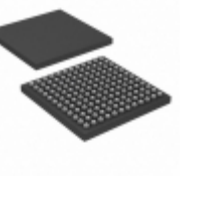
 life.augmented	<b>Manufacturer Part Number:</b> STM32F103ZCT6TR
	<b>Manufacturer/Brand:</b> STMicroelectronics
	<b>Part of Description:</b> IC MCU 32BIT 256KB FLASH 144LQFP
	<b>Datasheets:</b>  <a href="#">STM32F103ZCT6TR.pdf</a>
	<b>RoHS Status:</b>  Lead free / RoHS
	<b>Stock Condition:</b> Compliant New original, Stock Available.
	<b>Ship From:</b> Hong Kong
Image may be representation. See specs for product details.	<b>Shipment Way:</b> DHL/Fedex/TNT/UPS/EMS

### Specifications

Part Number	STM32F103ZCT6TR
Manufacturer	STMicroelectronics
Description	IC MCU 32BIT 256KB FLASH 144LQFP
Category	Integrated Circuits (ICs) > Embedded - Microcontrollers
Part Status	Require For Quote & Check Stock
Series	STM32 F1
Operating Temperature	-40°C ~ 85°C (TA)
Package / Case	144-LQFP
Supplier Device Package	144-LQFP (20x20)
Peripherals	DMA, Motor Control PWM, PDR, POR, PVD, PWM, Temp
Core Processor	ARM® Cortex®-M3
Speed	72MHz
Number of I/O	112
EEPROM Size	-
RAM Size	48K x 8
Core Size	32-Bit
Connectivity	CAN, I <sup>2</sup> C, IrDA, LIN, SPI, UART/USART, USB
Program Memory Size	256KB (256K x 8)
Program Memory Type	FLASH
Voltage - Supply (Vcc/Vdd)	2 V ~ 3.6 V
Data Converters	A/D 21x12b; D/A 2x12b
Oscillator Type	Internal
Packaging	Tape & Reel (TR)

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| D CS00022AJ-11-18E | ⊕ GRM0335C1ER20WA01D   | ⊖ GRM1555C1H9R0WZ01D   | ⊕ HFA140MD60C      | ⇒ HT11T32000-10         |
| ⇒ LD055C102JAB2A   | ↔ LM49120TL/NOPB       | ⊕ LMK316ABJ226KLHT     | ⊖ LT1241CS8#TRPBF  | ⇒ LTC201ACS#TRPBF       |
| ↔ MAX1677EEE       | ⇒ MC100E404FN          | D MIC5245-3.0BM5       | ⊕ MP20046DQ-LF-Z   | ⊖ MP4021-A              |
| ⊕ NCP1271D65R2G    | D NZ9F24VT5G           | ⇒ PALCE16V8H-15PI      | ↔ PD800-230-48/SC  | ⇒ PS2533-1              |
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