



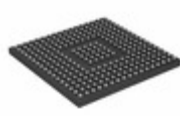
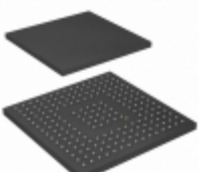


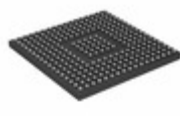

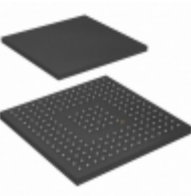

 life.augmented	<b>Manufacturer Part Number:</b> STM32H743ZIT6
	<b>Manufacturer/Brand:</b> STMicroelectronics
	<b>Part of Description:</b> 16/32-BITS MICROS
	<b>Datasheets:</b> <ul style="list-style-type: none"> <li> 1.STM32H743ZIT6.pdf</li> <li> 2.STM32H743ZIT6.pdf</li> </ul>
	<b>RoHs Status:</b>  Lead free / RoHS
	<b>Stock Condition:</b> Compliant New original, 795 pcs 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	STM32H743ZIT6
Manufacturer	STMicroelectronics
Description	16/32-BITS MICROS
Category	Integrated Circuits (ICs) > Embedded - Microcontrollers
Part Status	795 pcs Stock
Voltage - Supply (Vcc/Vdd)	1.62 V ~ 3.6 V
Supplier Device Package	144-LQFP (20x20)
Speed	400MHz
Series	STM32H7
RAM Size	1M x 8
Program Memory Type	FLASH
Program Memory Size	2MB (2M x 8)
Peripherals	Brown-out Detect/Reset, DMA, I <sup>2</sup> S, LCD, POR, PWM,
Packaging	Tray
Package / Case	144-LQFP
Other Names	497-17721
Oscillator Type	Internal
Operating Temperature	-40°C ~ 85°C (TA)
Number of I/O	114
Moisture Sensitivity Level (MSL)	3 (168 Hours)
Manufacturer Standard Lead Time	14 Weeks
Lead Free Status / RoHS Status	Lead free / RoHS Compliant
EEPROM Size	-
Detailed Description	ARM® Cortex®-M7 STM32H7 Microcontroller IC 32-Bit
Data Converters	A/D 20x16b, D/A 2x12b
Core Size	32-Bit
Core Processor	ARM® Cortex®-M7
Connectivity	CANbus, EBI/EMI, Ethernet, I <sup>2</sup> C, IrDA, LINbus, MDIO,

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