

STM32H745ZIT6 Information


For Reference Only

Part Number [STM32H745ZIT6](#)
Manufacturer STMicroelectronics
Category Integrated Circuits (ICs)
[Embedded - Microcontrollers](#)
Description HIGH-PERFORMANCE AND DSP WITH DP
Package 144-LQFP
 For the pricing/inventory/lead time, please contact us
 Website: <https://www.heisener.com>
 E-mail: salesdept@heisener.com


[Request a Quote](#)
Certified Quality

Heisener's commitment to quality has shaped our processes for sourcing, testing, shipping, and every step in between. This foundation underlies each component we sell.


STM32H745ZIT6 Specifications

Manufacturer Part Number	STM32H745ZIT6
Manufacturer	STMicroelectronics
Category	Integrated Circuits (ICs) Embedded - Microcontrollers
Package	144-LQFP
Series	STM32H7
Core Processor	ARM® Cortex®-M4, Cortex®-M7
Core Size	32-Bit Dual-Core
Speed	240MHz, 480MHz
Connectivity	CANbus, EBI/EMI, Ethernet, I²C, IrDA, LINbus, MDIO, MMC/SD/SDIO, QSPI, SAI, SPDIF, SPI, SWPMI, UART/USART, USB OTG
Peripherals	Brown-out Detect/Reset, DMA, I²S, LCD, POR, PWM, WDT
Number of I/O	97
Program Memory Size	2MB (2M x 8)
Program Memory Type	FLASH
EEPROM Size	-
RAM Size	1M x 8
Voltage - Supply (Vcc/Vdd)	1.62V ~ 3.6V
Data Converters	A/D 23x16b; D/A 2x12b
Oscillator Type	Internal
Operating Temperature	-40°C ~ 85°C (TA)

Mounting Type	Surface Mount
Package / Case	144-LQFP
Supplier Device Package	144-LQFP (20x20)
	Report errors?

STM32H745ZIT6 Guarantees



Quality Guarantees

We provide 90 days warranty. *

If the items you received were not in perfect quality, we would be responsible for your refund or replacement, but the items must be returned in their original condition.



Service Guarantees

We guarantee 100% customer satisfaction.

Our experienced sales team and tech support team back our services to satisfy all our customers.

STM32H745ZIT6 Payment Methods



STM32H745ZIT6 Shipping Methods



If you have any question about STM32H745ZIT6, please do not hesitate to contact us!

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