

<b>STM32F767ZIT6</b>	
Part Number	<a href="#">STM32F767ZIT6</a>
Manufacturer	STMicroelectronics
Description	IC MCU 32BIT 2MB FLASH 144LQFP
Quantity Available	500 pcs in stock
Datasheets	<a href="#">1.STM32F767ZIT6.pdf</a> <a href="#">2.STM32F767ZIT6.pdf</a> <a href="#">3.STM32F767ZIT6.pdf</a>
STM32F767ZIT6 Price	<a href="#">Request Price &amp; Lead Time Online</a> or Email us: <a href="mailto:Info@ariat-tech.com">Info@ariat-tech.com</a>


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Technical Information of STM32F767ZIT6			
Manufacturer Part Number	<a href="#">STM32F767ZIT6</a>	Category	<a href="#">Integrated Circuits (ICs)</a>
Manufacturer	STMicroelectronics	Description	IC MCU 32BIT 2MB FLASH 144LQFP
Package / Case	Tray	Quantity Available	500
Voltage - Supply (Vcc/Vdd)	1.7 V ~ 3.6 V	Supplier Device Package	144-LQFP (20x20)
Speed	216MHz	Series	STM32F7
RAM Size	512K 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, WDT
Packaging	Tray	Package / Case	144-LQFP
Other Names	497-16521 497-16645 497-16645-ND	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 STM32F7 Microcontroller IC 32-Bit 216MHz 2MB (2M x 8) FLASH 144-LQFP (20x20)	Data Converters	A/D 24x12b, A/D 2x12b
Core Size	32-Bit	Core Processor	ARM® Cortex®-M7
Connectivity	CANbus, EBI/EMI, Ethernet, I <sup>2</sup> C, IrDA, LINbus, MMC/SD/SDIO, QSPI, SAI, SPDIF, SPI, UART/USART, USB OTG		

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Related parts for STM32F767ZIT6				
Image	Part Number	Description	Manufacturer	Quantity
	<a href="#">STM32F769BGT6</a>	IC MCU 32BIT 1MB FLASH 208LQFP	STMicroelectronics	296 pcs
	<a href="#">STM32F769I-EVAL</a>	EVALUATION BOARD WITH STM32F769N	STMicroelectronics	44 pcs
	<a href="#">STM32F769AIY6UTR</a>	IC MCU 32BIT 2MB FLASH 180WLCSP	STMicroelectronics	500 pcs
	<a href="#">STM32F769IIT6</a>	IC MCU 32BIT 2MB FLASH 176LQFP	STMicroelectronics	426 pcs
	<a href="#">STM32F767VIT6</a>	IC MCU 32BIT 2MB FLASH 100LQFP	STMicroelectronics	540 pcs
	<a href="#">STM32F769I-DISCO</a>	DISCOVERY KIT WITH STM32F769NI M	STMicroelectronics	154 pcs
	<a href="#">STM32F767VGT7</a>	IC MCU 32BIT 1MB FLASH 100LQFP	STMicroelectronics	500 pcs
	<a href="#">STM32F769IIT6E</a>	LQFP 176 24X24X1.4	STMicroelectronics	500 pcs
	<a href="#">STM32F769IGT6</a>	IC MCU 32BIT 1MB FLASH 176LQFP	STMicroelectronics	285 pcs
	<a href="#">STM32F769BIT6</a>	IC MCU 32BIT 2MB FLASH 208LQFP	STMicroelectronics	935 pcs
	<a href="#">STM32F767NGH6</a>	IC MCU 32BIT 1MB FLASH 216TFBGA	STMicroelectronics	765 pcs
	<a href="#">STM32F767VGT6</a>	IC MCU 32BIT 1MB FLASH 100LQFP	STMicroelectronics	66 pcs
	<a href="#">STM32F767IIT6</a>	IC MCU 32BIT 2MB FLASH 176LQFP	STMicroelectronics	500 pcs
	<a href="#">STM32F769I-DISC1</a>	DISCOVERY BOARD WITHOUT DISPLAYS	STMicroelectronics	107 pcs
	<a href="#">STM32F767NIH7</a>	TFBGA 13X13X1.2 216L	STMicroelectronics	500 pcs
	<a href="#">STM32F767NIH6</a>	IC MCU 32BIT 2MB FLASH 216TFBGA	STMicroelectronics	944 pcs
	<a href="#">STM32F769AIY6TR</a>	IC MCU 32BIT 2MB FLASH 180WLCSP	STMicroelectronics	500 pcs
	<a href="#">STM32F767VIH6</a>	TFBGA 8X8 100L F10X1	STMicroelectronics	500 pcs
	<a href="#">STM32F767ZGT6</a>	IC MCU 32BIT 1MB FLASH 144LQFP	STMicroelectronics	197 pcs
	<a href="#">STM32F767IHK6</a>	IC MCU 32BIT 2MB FLASH 176UFBGA	STMicroelectronics	675 pcs

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