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STM32F100RBH6B STMicroelectronics Product Details

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Part Number:	STM32F100RBH6B	
Worldway Part:	STM32F100RBH6B-263212	
Category:	Microcontrollers - MCU	
Manufacturer:	STMicroelectronics	
Applications:	☑Communications equipment ☑Industrial ☑Enterprise systems	
Description:	Speed:24MHz; Program Memory Size:128KB; RAM Memory Size:8KB; No. of Pins:64Pins; MCU Case Style:BGA; No. of I/O's:51I/O's; Embedded Interface Type:I2C	
RoHS:	✔RoHS Lead free / RoHS Compliant	
Stock Category:	Available stock	
Stock Resource:	Franchised Distributor	
Warranty:	1 Year Worldway Guarantee » Learn More	
EDA/CAD Models:	STM32F100RBH6B PCB Footprint and Symbol	
Delivery:	DHL FedEx ups TNT EMS	

Payment:	
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STM32F100RBH6B(STMicroelectronics) Description

Additional information about the STM32F100RBH6B: The STM32F100x4, STM32F100x6, STM32F100x8 and STM32F100xB microcontrollers incorporate the high-performance ARM Cortex -M3 32-bit RISC core operating at a 24 MHz frequency, high-speed embedded memories (Flash memory up to 128 Kbytes and SRAM up to 8 Kbytes), and an extensive range of enhanced peripherals and I/Os connected to two APB buses. All devices offer standard communication interfaces (up to two I2Cs, two SPIs, one HDMI CEC, and up to three USARTs), one 12-bit ADC, two 12-bit DACs, up to six general-purpose 16-bit timers and an advanced-control PWM timer. The STM32F100xx low- and medium-density devices operate in the – 40 to + 85 °C and – 40 to + 105 °C temperature ranges, from a 2.0 to 3.6 V power supply. A comprehensive set of power-saving mode allows the design of low-power applications. These microcontrollers include devices in three different packages ranging from 48 pins to 100 pins. Depending on the device chosen, different sets of peripherals are included. These features make these microcontrollers suitable for a wide range of applications such as application control and user interfaces, medical and hand-held equipment, PC and gaming peripherals, GPS platforms, industrial applications, PLCs, inverters, printers, scanners, alarm systems, video intercoms, and HVACs

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STM32F407VET6   STM32F205RCT6   STM32F427VIT6   STM32F407IGH6
STM32F407ZGT6   STM32F217VGT6   S5LS20216ASPGEQQ1
STM32F429NIH6   STM32F437IIT6   S9KEAZN64AMLH   S9KEAZ128AMLK
S9KEAZ128AMLH   S9KEAZN64AMLC   S9KEAZN8AMFK   S9KEAZN8AMTG
STM32W108HBU63TR   STA2058EX   STM32W108HBU64TR   STA2058
STA2058EXATR   SI1020-B-GMR   SI1020-A-GMR   SI1030-A-GMR
SI1024-A-GMR   SI1024-B-GMR   STM32W108HBU61TR   SI1034-A-GMR
STA8058TR   SI1021-A-GMR   SI1021-B-GMR   SI1025-A-GMR   SI1025-B-GMR

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