STMicroelectronics

STM32F100V8T6B

Part Number:	STM32F100V8T6B
Manufacturer/Brand:	STMicroelectronics
Product description	IC MCU 32BIT 64KB FLASH 100LQFP
Datasheets:	STM32F100V8T6B.pdf
RoHS Status	Lead free / RoHS Compliant
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

Image may be representation. See specifications for product details.

Specifications of STM32F100V8T6B

PART NUMBER	STM32F100V8T6B
MANUFACTURER	STMicroelectronics
DESCRIPTION	IC MCU 32BIT 64KB FLASH 100LQFP
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	STM32F100V8T6B.pdf
VOLTAGE - SUPPLY (VCC/VDD)	2 V ~ 3.6 V
SUPPLIER DEVICE PACKAGE	100-LQFP (14x14)
SPEED	24MHz
SERIES	STM32F1
RAM SIZE	8K x 8
PROGRAM MEMORY TYPE	FLASH
PROGRAM MEMORY SIZE	64KB (64K x 8)
PERIPHERALS	DMA, PDR, POR, PVD, PWM, Temp Sensor, WDT
PACKAGING	Tray
PACKAGE / CASE	100-LQFP
OTHER NAMES	497-10658 STM32F100V8T6B-ND
OSCILLATOR TYPE	Internal
OPERATING TEMPERATURE	-40°C ~ 85°C (TA)
NUMBER OF I/O	80
MOISTURE SENSITIVITY LEVEL (MSL)	3 (168 Hours)
MANUFACTURER STANDARD LEAD TIME	10 Weeks
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
EEPROM SIZE	-
DETAILED DESCRIPTION	ARM® Cortex®-M3 STM32F1 Microcontroller IC 32-Bit 24MHz 64KB (64K x 8) FLASH 100-LQFP (14x14)
DATA CONVERTERS	A/D 16x12b; D/A 2x12b
CORE SIZE	32-Bit
CORE PROCESSOR	ARM® Cortex®-M3
CONNECTIVITY	I²C, IrDA, LINbus, SPI, UART/USART
BASE PART NUMBER	STM32F100

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Related Products

STM32F100VBT6B
Manufacturers: STMicroelectronics
Description: IC MCU 32BIT 128KB FLASH 100LQFP
In stock: Out stock
RFQ

STM32F100V8T7B
Manufacturers: STMicroelectronics
Description: IC MCU 32BIT 64KB FLASH 100LQFP
In stock: Out stock
RFQ

STM32F100VCT6
Manufacturers: STMicroelectronics
Description: IC MCU 32BIT 256KB FLASH 100LQFP
In stock: Out stock
RFQ

STM32F100RDT6B
Manufacturers: STMicroelectronics
Description: IC MCU 32BIT 384KB FLASH 64LQFP
In stock: 833 pcs
RFQ

STM32F100RET6B
Manufacturers: STMicroelectronics
Description: IC MCU 32BIT 512KB FLASH 64LQFP
In stock: 745 pcs
RFQ

STM32F100V8T6BTR
Manufacturers: STMicroelectronics
Description: IC MCU 32BIT 64KB FLASH 100LQFP
In stock: Out stock
RFQ

STM32F100VBT7B
Manufacturers: STMicroelectronics
Description: IC MCU 32BIT 128KB FLASH 100LQFP
In stock: Out stock
RFQ

STM32F100RDT7B
Manufacturers: STMicroelectronics
Description: LQFP 64 10X10X1.4 1
In stock: Out stock
RFQ

STM32F100VBT6BTR
Manufacturers: STMicroelectronics
Description: IC MCU 32BIT 128KB FLASH 100LQFP
In stock: Out stock
RFQ

STM32F100RET7BTR
Manufacturers: STMicroelectronics
Description: LQFP 64 10X10X1.4 1
In stock: Out stock
RFQ

STM32F100RDT6BTR
Manufacturers: STMicroelectronics
Description: IC MCU 32BIT 384KB FLASH 64LQFP
In stock: Out stock
RFQ

STM32F100RET6BTR
Manufacturers: STMicroelectronics
Description: IC MCU 32BIT 512KB FLASH 64LQFP
In stock: Out stock
RFQ