



STMicroelectronics



STM32F051R8H6TR

Part Number:

Manufacturer/Brand:

Product description

Datasheets:


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STM32F051R8H6TR

STMicroelectronics

UFBGA 5X5X0.6 64L P

 1.STM32F051R8H6TR.pdf

 2.STM32F051R8H6TR.pdf




 3.STM32F051R8H6TR.pdf

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Specifications of STM32F051R8H6TR

PART NUMBER	STM32F051R8H6TR
MANUFACTURER	STMicroelectronics
DESCRIPTION	UFBGA 5X5X0.6 64L P
LEAD FREE STATUS / ROHS STATUS	
DATA SHEET	 1.STM32F051R8H6TR.pdf  2.STM32F051R8H6TR.pdf  3.STM32F051R8H6TR.pdf
VOLTAGE - SUPPLY (VCC/VDD)	2 V ~ 3.6 V
SUPPLIER DEVICE PACKAGE	64-UFBGA (5x5)
SPEED	48MHz
SERIES	STM32F0
RAM SIZE	8K x 8
PROGRAM MEMORY TYPE	FLASH
PROGRAM MEMORY SIZE	64KB (64K x 8)
PERIPHERALS	DMA, I²S, POR, PWM, WDT
PACKAGING	Tape & Reel (TR)
PACKAGE / CASE	64-UFBGA
OSCILLATOR TYPE	Internal
OPERATING TEMPERATURE	-40°C ~ 85°C (TA)
NUMBER OF I/O	55
MANUFACTURER STANDARD LEAD TIME	10 Weeks
EEPROM SIZE	-
DETAILED DESCRIPTION	ARM® Cortex®-M0 STM32F0 Microcontroller IC 32-Bit 48MHz 64KB (64K x 8) FLASH 64-UFBGA (5x5)
DATA CONVERTERS	A/D 19x12b, D/A 1x12b
CORE SIZE	32-Bit
CORE PROCESSOR	ARM® Cortex®-M0
CONNECTIVITY	HDMI-CEC, I²C, IrDA, LINbus, SPI, UART/USART

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