



GLOSSARY

Meaning and description.

DESCRIPCIÓN BREVE

In this document some concepts and definitions which are used in the area of electronics will be described to make easy the research of some of them focusing in documentation of one microcontroller named STM32H7B0VBT6.

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BUS.

In computing, a bus is a group of signal/data wires that together serve a particular function. Usually they are digital, such as 16 individual wires connecting a microcontroller to memory, making a memory bus.

AHB.

AHB (Advanced High-Performance Bus) is a protocol for high throughput, low latency data transfers.

AXI.

AXI (Advanced eXtensible Interface) is a more advanced bus protocol that provides higher performance and flexibility.

ARM.

Advanced RISC Machine. It refers to a Reduced Instruction Set Computing (RISC) architecture developed by ARM Holdings. It is widely used in the design of microcontrollers and processors for embedded systems.

SRAM.

Static Random Access Memory. It is a type of volatile memory used to store and access data quickly in embedded systems.

MCU.

Microcontroller Unit. A microcontroller is an integrated circuit that includes a central processing unit (CPU), memory and input/output peripherals.