

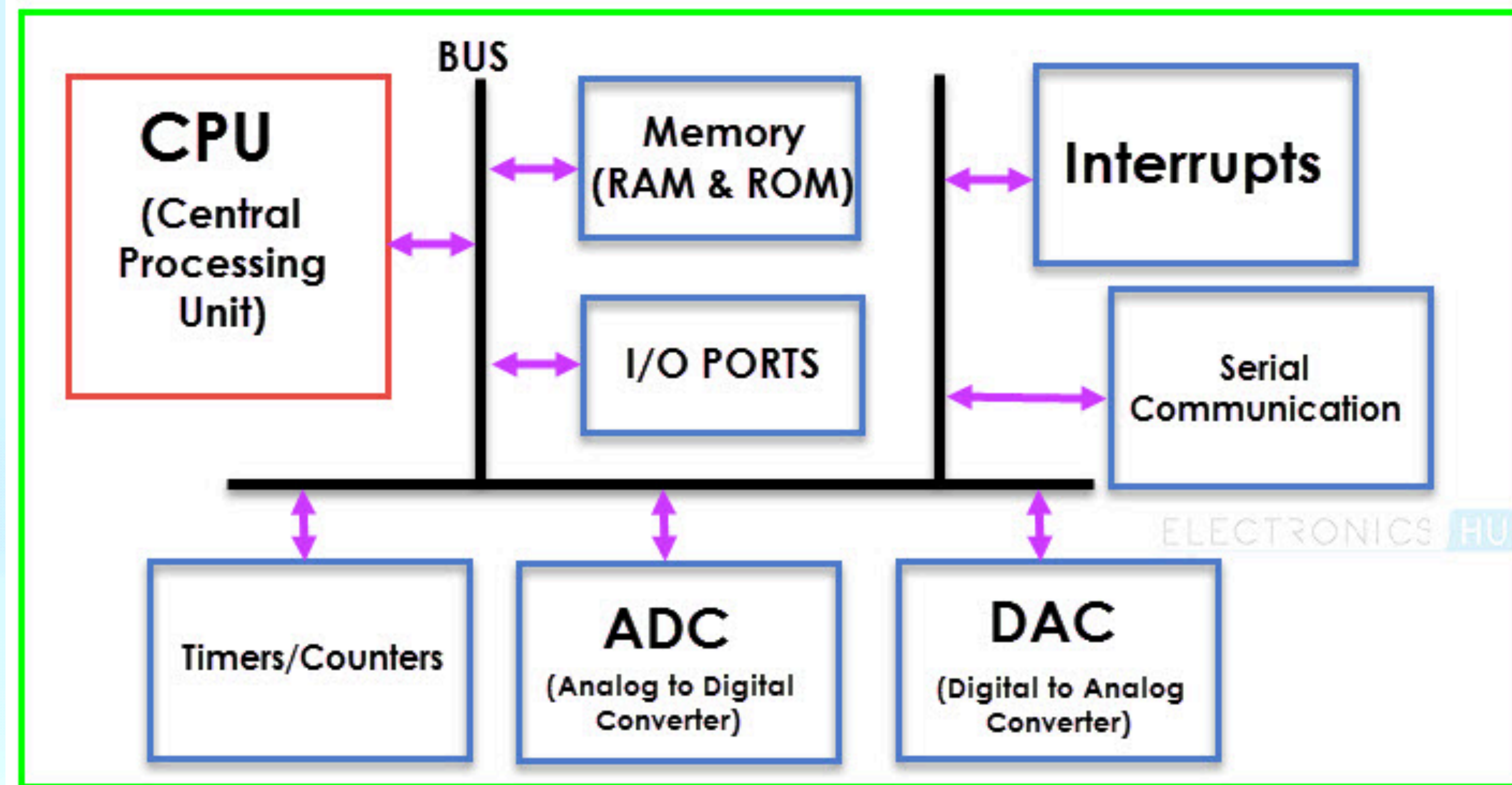
Introduction to GPIO , UART , I2C

NGLAB(Next Generation Laboratory)

Jack Liao

2023/05/15

Overview of serial communication

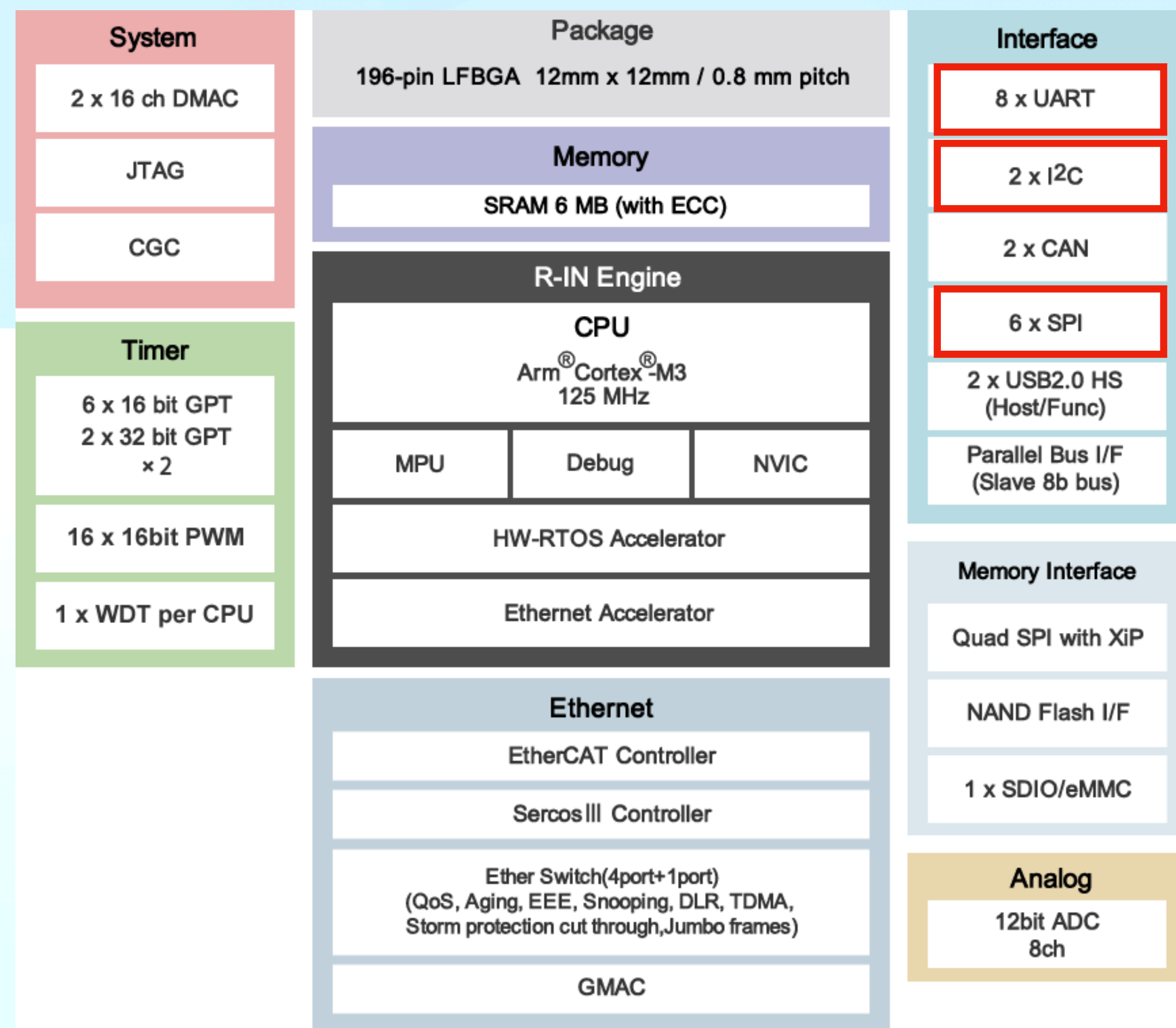


What is serial communication ?

A method of sending data between electronic devices one bit at a time.

Type

- I. GPIO
- II. UART
- III. I2C
- IV. SPI



GPIO(General Purpose Input/Output)

UART(Universal Asynchronous Receiver/Transmitter)

I2C(Inter-Integrated Circuit)

RS232(Recommended Standard 232)

SPI(Serial Peripheral Interface)

- I. microcontrollers
- II. GPIO-WIKI
- III. UART-WIKI
- IV. I2C-WIKI

X.

References

