



# **PV198 – One-chip Controllers**

## **Communication Protocols**



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# What is Communication Protocol

- Set of rules that allow two or more communication systems to communicate
- This includes rules, regulations, synchronization, syntax



## What is it used for

- Communication between:
  - Embedded device and PC
  - Embedded device and sensors
  - Embedded devices

## List of protocols

- RS-232
- RS-485
- **USB**
- **(UART)**
- **I2C**
- I3C
- **SPI**
- **I2S**
- CAN
- 1-Wire

## FRDM-K66F Peripherals

- 10/100-Mbps Ethernet MAC (ENET)
- USB
- FlexCAN
- SPI
- I2C
- UART
- I2S