



PV198 – One-chip Controllers

Communication Buses



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What is Communication Bus

- Bus is a communication system that transfers data between components
- This includes rules, regulations, synchronization, etc...

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