Vorlage

David Rieser
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1 Project Desription

The goal of the project is to program a STM32F030F4-Chip to send Measurement-Data to a MAX485 which is a RS485-Transceiver using the STM32's USART3-Interface.

The STM32 is connected to the MAX485 through Pins PC10 and PC11.

After the STM32 receives a Byte from the MAX485, it is supposed to send back ten Measurement-Points from the ADC using Interrupts.
The MAX485 defines the Connection-Parameters of the USART :

- 38400 Baudrate

- 8 Data-Bits

- 1 Stop-Bit

- Odd-Parity