05/09/2022 Enes Erçin

* Project 6
* Uart

The sixth task which was given during internship at Lab is to build a Uart communication hardware module. To successfully achieve the given task, it is necessary to build a receiver and transmitter modules that can exchange meaningful data. Uart is one of the most basic communication protocols. Some noteworthy features of the Uart is that it is asynchronous communication protocol which basically means the two device does not need a shared clock to separate meaningful bytes. Considering Uart this process happens with a commonly shared baud rate. For this task it would be meaningful to use the previous hardware design of parametric Fifo to observe inputs in an ordered way. After this assignment the possibilities of data communication between different devices made possibble.



