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Authors:

N. B. S. Naveen

G. Rama Krishna

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## Abstract

UART (Universal Asynchronous Receiver Transmitter) is used for serial communication. It is used for long distance and low cost process for transfer of data between pc and its devices. In general a UART operated with specific baud rate. To meet the complex communication demands it is not sufficient. To overcome this difficulty a multi channel UART is proposed in this paper. And the whole design is simulated with modelsim and synthesized with Xilinx software

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### Index Terms

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### Keywords

UART Baud rate generator First in First Out Simulation