Abstract

Network on Chip Architecture (NoC) is considered as the next generation interconnects systems for multiprocessor systems-on-chip. Selection of the network architecture and mapping of IP nodes onto the NoC topology are two important research topics. In this paper, we proposed an implementation of a Ring and Star NoC architecture using store and forward technique.

References


Index Terms

Computer Science

Networks

Keywords

NoC, Router, XYAlgorithm, Ring, Star