

AXIStreaming Width Converter v1.0

IP User Guide (Alpha Release)



January 25, 2023

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IP Summary

Introduction

A Width Converter is a device that allows two pieces of equipment that are not compatible, due to bus width difference with each other, to be connected. This Width Converter IP allows bus width manipulation so that the attached master and slaves can be addressed according to the spec without any data corruption. This is an AXIStreaming compliant Width Converter IP for easy integration with other AXI based systems. A macro block diagram for the top level of this AXIStreaming Width Converter is shown in Figure 1.

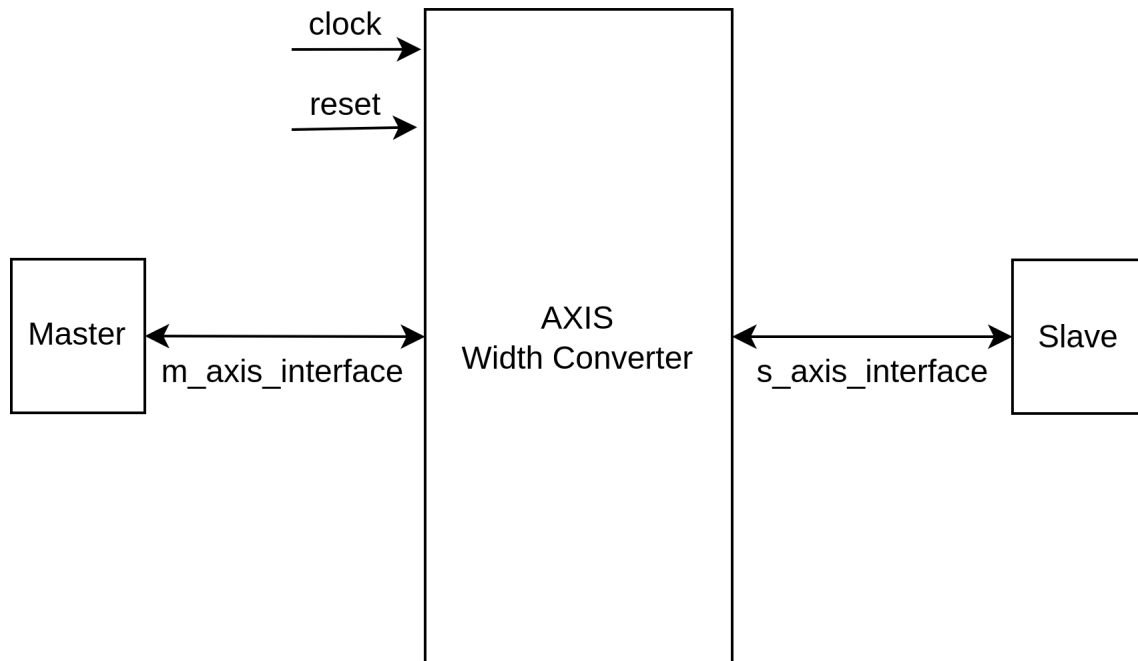


Figure 1. AXIStreaming Width Converter Block Diagram

Revision History

Date	Version	Revisions
January 25, 2023	0.01	Initial version AXIStreaming Width Converter User Guide Document