

# AXI-to-AXILite Bridge v1.0

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*IP User Guide (Alpha Release)*



January 25, 2023

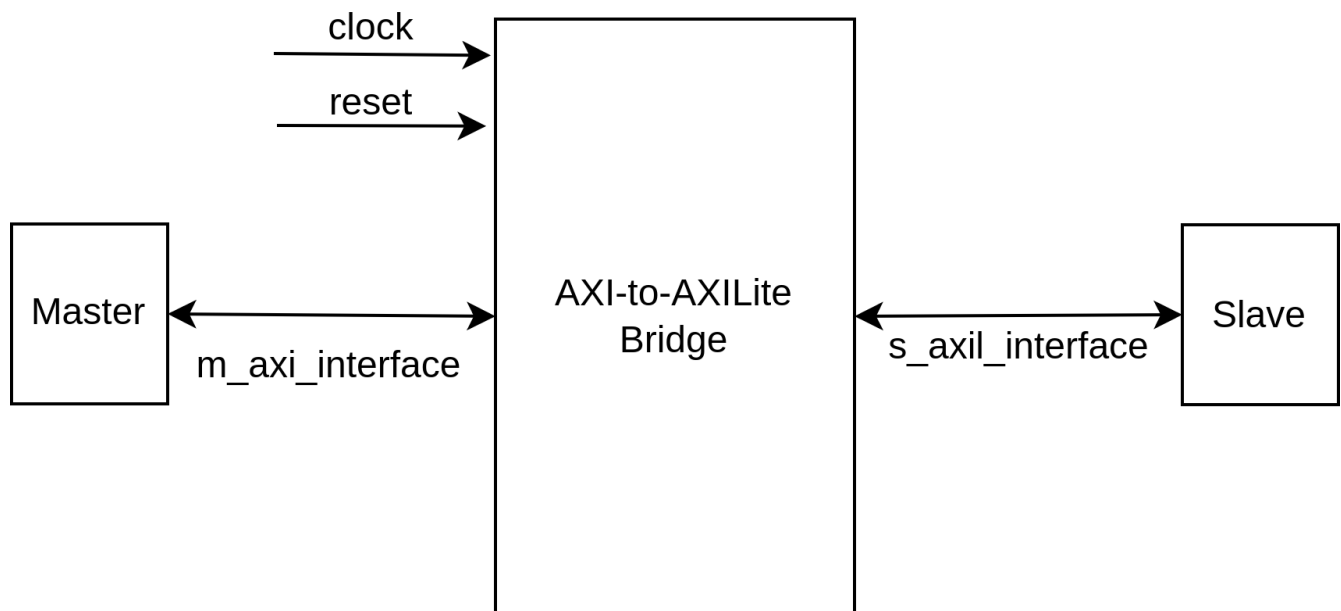
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# IP Summary

## Introduction

An AXI to AXI Lite bridge is a type of interface that allows communication between a master that uses the AXI protocol and a slave that uses the AXI Lite protocol. The bridge acts as a translator, converting the signals and commands from one protocol to the other, allowing the two devices to communicate with each other. This is typically used in system designs where different IP blocks may use different protocols for communication. This AXI4 compliant bridge can be used in a number of IPs that support either AXI4 or AXILite interface. A macro block diagram of this AXI-to-AXILite Bridge is shown in Figure 1.



**Figure 1.** AXI-to-AXILite Block Diagram

# Revision History

Date	Version	Revisions
January 25, 2023	0.01	Initial version AXI-to-AXILite Bridge User Guide Document