Speedgoat IO397 Configuration Package Manual

FPGA I/O Configuration Implementations for the Configurable Workflow

MATLAB Release: R2023b - R2021a

Package Version: 6.1

speedgoat
real-time simulation and testing

Introduction

The Speedgoat IO397 Configuration Package provides pre-implemented I/O and protocols functionalities for the Configurable FPGA workflow.

This document provides information on the prerequisites and installation process. Additional information on usage, configuration, the example models and more is available on the Speedgoat website and in the integrated MATLAB® help provided with this package. After installation, type the following in the MATLAB command window to access the help:

```
>> speedgoat.ioconfigpkg.doc
```

Prerequisites

Before you start, ensure that you have correctly installed the latest Speedgoat I/O Blockset. The minimum version requirements are:

- Minimum required Speedgoat I/O Blockset: 9.7.1.0

The information required for your specific FPGA I/O module is available on this Speedgoat webpage.

Installation

To install the Speedgoat IO397 Configuration Package, please proceed as follows:

1. Start MATLAB and navigate to the previously downloaded archive file

2. Double-click the archive file *io397_configuration_package_v6.1.zip* in MATLAB to unzip it and open the unzipped folder

3. Enter the following command in MATLAB:

```
>> io_configuration_package_installer
```