

# **Ecceclerators Library IP specification**

# Table of Contents

1. BusDividerIfc .....	1
1.1. Bus Divider Interface (BusDividerIfc) .....	1
1.1.1. Bus Divider Block (BusDividerBlk) .....	1

# List of Figures

1.1. Bus Catcher details ..... 1

## List of Tables

1.1. Blocks of Bus Divider Interface .....	1
1.2. Resets of Bus Divider Interface .....	1
1.3. Registers or Delegates of Bus Divider Block .....	2
1.4. Area of Delegated Bus .....	2
1.5. Area of Delegated Bus .....	2

# 1. BusDividerIfc

## 1.1. Bus Divider Interface (BusDividerIfc)

Interface containing a basic Bus Divider block.

Table 1.1. Blocks of Bus Divider Interface

Blocks of Bus Divider Interface		
Block Address	ID	Block Name
0x000	BusDivi- viderBlk	<a href="#">Bus Divider Block</a>

Table 1.2. Resets of Bus Divider Interface

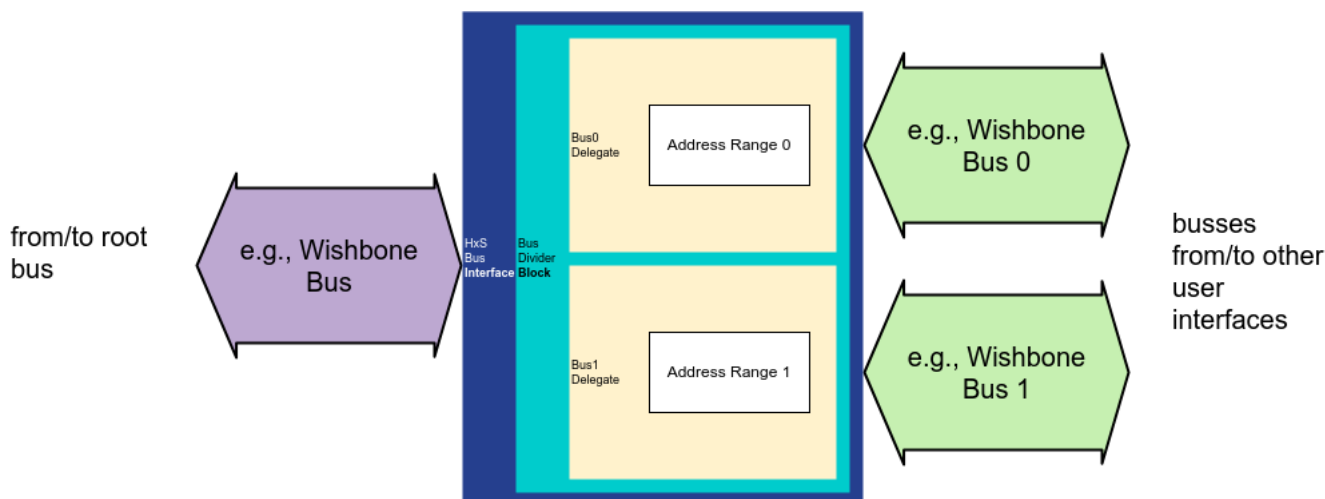
Resets of Registers of Bus Divider Interface	
ID	Reset Name

### 1.1.1. Bus Divider Block (BusDividerBlk)

This block defines a basic bus divider e.g. to divide a bus into two busses by using HxS delegates.

Bus Divider details:

Figure 1.1. Bus Divider details



**Table 1.3. Registers or Delegates of Bus Divider Block**

Registers or Delegates of Bus Divider Block		
0x000		<a href="#">Bus Divider Block</a>
..		
0x1ff		
Address	ID	Name
0x000	BusDele- gate0	<a href="#">Delegated Bus</a>
0x100	BusDele- gate1	<a href="#">Delegated Bus</a>

### 1.1.1.1. Delegated Bus (BusDelegate0)

**Table 1.4. Area of Delegated Bus**

Area of Delegated Bus	
0x000	<a href="#">Delegated Bus (BusDelegate0)</a>
..	
0x0ff	

### 1.1.1.2. Delegated Bus (BusDelegate1)

**Table 1.5. Area of Delegated Bus**

Area of Delegated Bus	
0x100	<a href="#">Delegated Bus (BusDelegate1)</a>
..	
0x1ff	