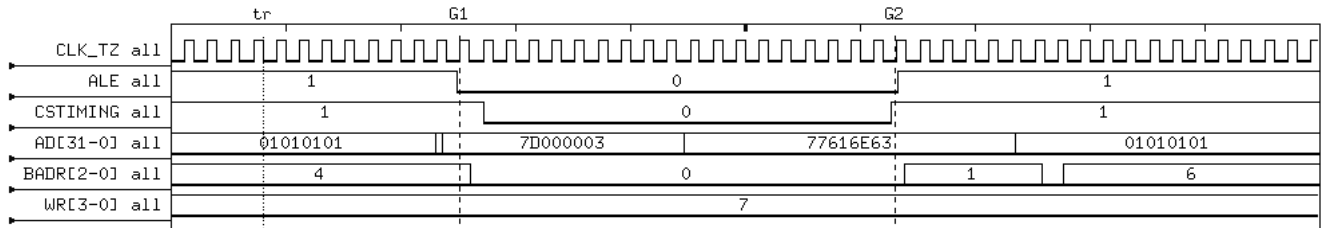


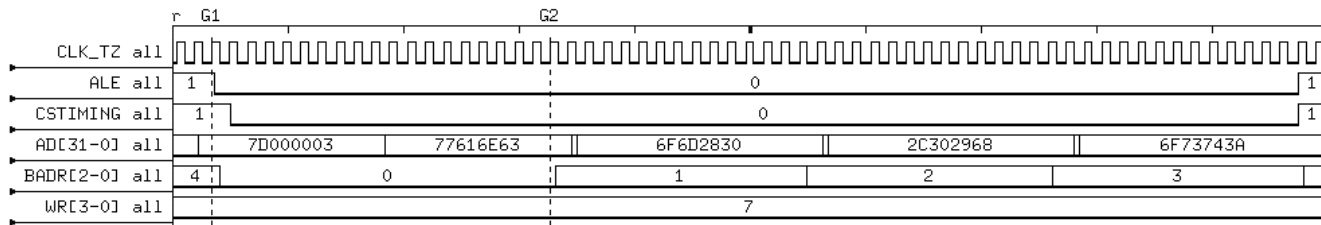
The following figures show timing waveforms for the Discovery family device bus.

**Figure 1: Single Read from 8-Bit Device**



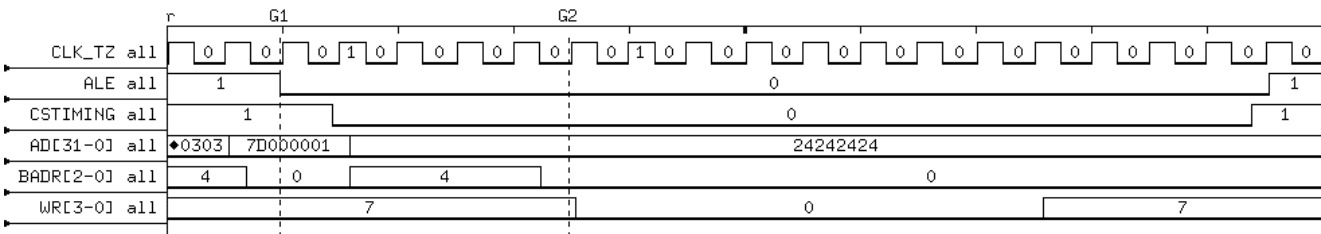
Device Timing Parameters register = 0xc4882f1c; Acc2First=19, Acc2Next=15.

**Figure 2: Burst Read from 8-Bit Device**



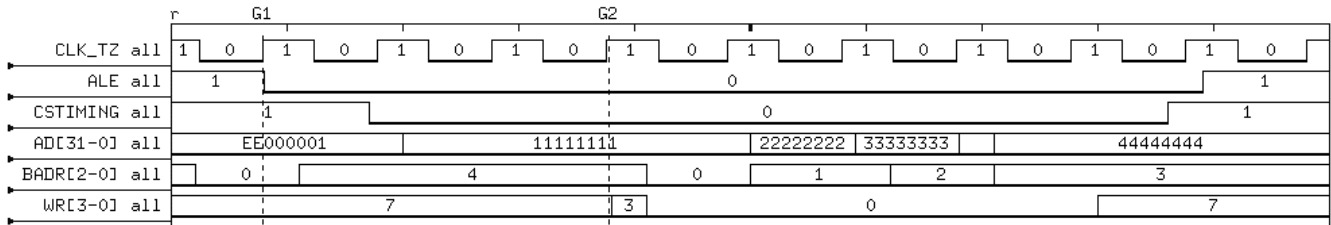
Device Timing Parameters register = 0xc4882f1c; Acc2First=19, Acc2Next=15.

**Figure 3: Single Write to 8-Bit Device**



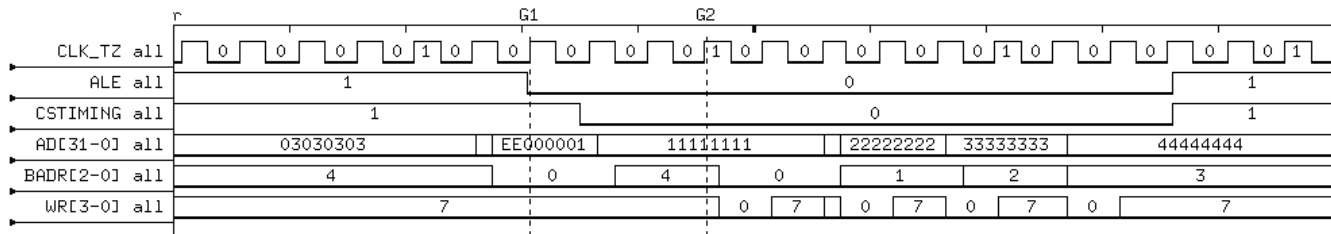
Device Timing Parameters register = 0xc4882f1c; Ale2Wr=5, WrLow=8, WrHigh=4

**Figure 4: Burst Write to 8-Bit Device (WrLow=1, WrHigh=0)**



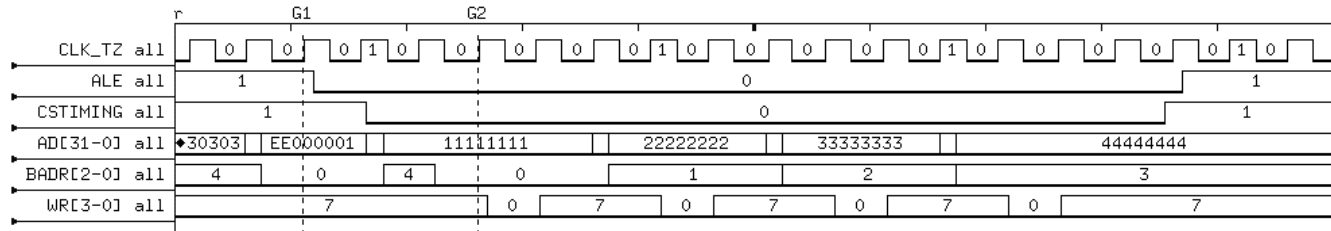
Device Timing Parameters register = 0x2000589b; WrLow=1 WrHigh=0

**Figure 5: Burst Write to 8 Bit Device (WrLow=1, WrHigh=1)**



Device Timing Parameters register = 0x2002589b; WrLow=1 WrHigh=1

**Figure 6: Burst Write to 8-Bit Device (WrLow=1, WrHigh=2)**



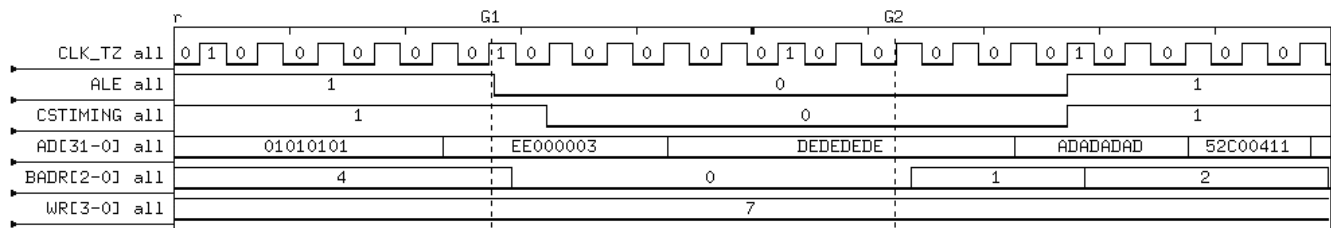
Device Timing Parameters register = 0x2004589b; WrLow=1 WrHigh=2

**Figure 7: Read from 32-Bit Device**



**Note**

This waveform illustrates the redundant read that occurs on reads from 32 bit devices.



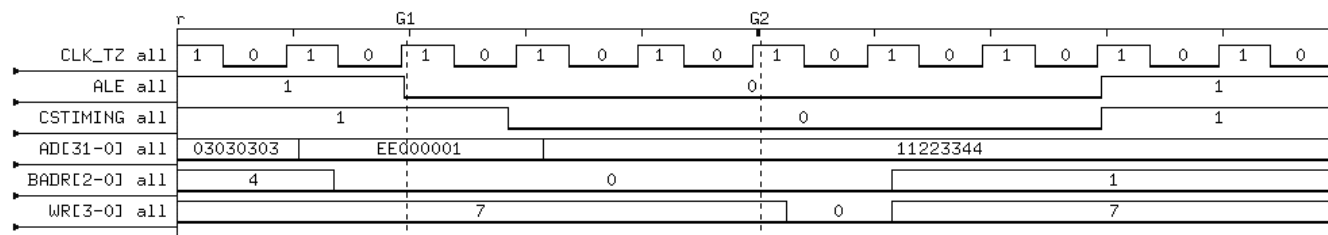
Device Timing Parameters register = 0x202051bb; Acc2First=7, Acc2Next=3.

**Figure 8: Write to 32-Bit Device**



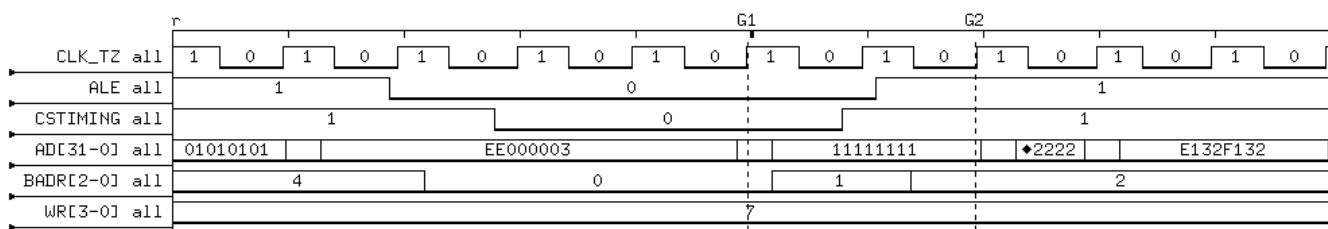
**Note**

This waveform illustrates the redundant access that occurs on writes to 32-bit devices.



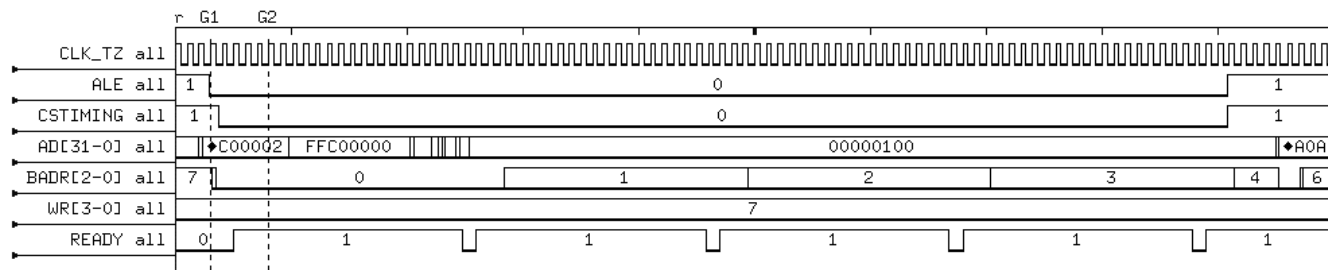
Device Timing Parameters register = 0x202058bb; Ale2Wr=3, WrLow=1, WrHigh=0.

**Figure 9: Read with BAdrSkew**



Device Timing Parameters register = 0x2020509b; Acc2First=3, BAdrSkew=2.

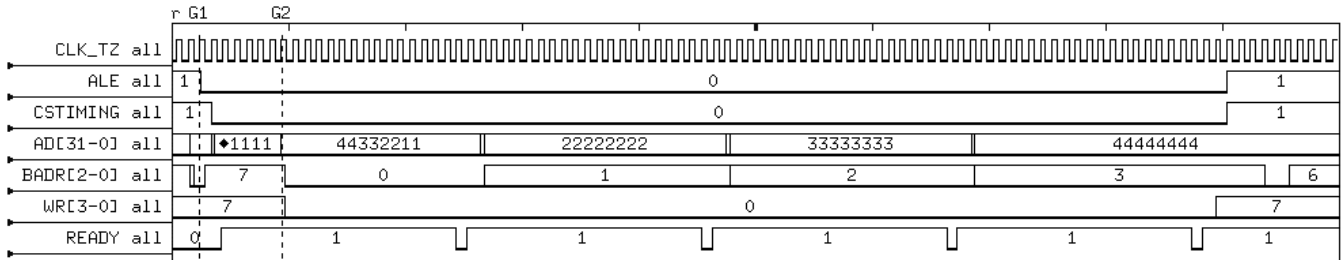
**Figure 10: Read with Ready**



Device Timing Parameters register = 0xC00058ab; Acc2First=5 Acc2Next=1.



Figure 11: Write with Ready



Device Timing Parameters register = 0xC00078a3; Ale2Wr=7, WrLow=1 WrHigh=0

Preliminary Information

This document provides Preliminary information about the products described. All specifications described herein are based on design goals only. Do not use for final design. Visit the Marvell® web site at www.marvell.com or call 1-866-674-7253 for the latest information on Marvell products.

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