Column1	Column2	Column3	Column4	Column5	Column6	Column7	Column8	Column9	Column10
Test Case ID	HTRANS	HSIZE	HBURST	HRESP	Operation	Description	Inputs	Expected Outputs	Function Being Tested
1	NONSEQUENTIAL	Byte	Single Transfer	Okay	Read	Single byte read operation	HADDR, HWDATA	PRDATA, HREADY	Read Operation
2	NONSEQUENTIAL	Halfword	Single Transfer	Okay	Write	Single halfword write operation	HADDR, HWDATA	HREADY	Write Operation
3	NONSEQUENTIAL	Word	Single Transfer	Okay	Read	Single word read operation	HADDR, HWDATA	PRDATA, HREADY	Read Operation
4	NONSEQUENTIAL	Byte	Single Transfer	Error	Write	Single byte write operation with error	HADDR, HWDATA	HREADY, HRESP=Error	Write Operation with Error
5	NONSEQUENTIAL	Halfword	Incrementing Burst	Okay	Read	Incrementing burst read operation with halfword size	HADDR, HWDATA	PRDATA, HREADY	Read Operation with Burst
6	NONSEQUENTIAL	Word	Incrementing Burst	Okay	Write	Incrementing burst write operation with word size	HADDR, HWDATA	HREADY	Write Operation with Burst
7	NONSEQUENTIAL	Byte	4-beat Wrapping Burst	Okay	Read	4-beat wrapping burst read operation with byte size	HADDR, HWDATA	PRDATA, HREADY	Read Operation with Burst
8	NONSEQUENTIAL	Halfword	4-beat Wrapping Burst	Okay	Write	4-beat wrapping burst write operation with halfword size	HADDR, HWDATA	HREADY	Write Operation with Burst
9	NONSEQUENTIAL	Word	4-beat Wrapping Burst	Okay	Read	4-beat wrapping burst read operation with word size	HADDR, HWDATA	PRDATA, HREADY	Read Operation with Burst
10	NONSEQUENTIAL	Byte	4-beat Incrementing Burst	Okay	Write	4-beat incrementing burst write operation with byte size	HADDR, HWDATA	HREADY	Write Operation with Burst
11	NONSEQUENTIAL	Halfword	4-beat Incrementing Burst	Okay	Read	4-beat incrementing burst read operation with halfword size	HADDR, HWDATA	PRDATA, HREADY	Read Operation with Burst
12	NONSEQUENTIAL	Word	4-beat Incrementing Burst	Okay	Write	4-beat incrementing burst write operation with word size	HADDR, HWDATA	HREADY	Write Operation with Burst
13	NONSEQUENTIAL	Byte	8-beat Wrapping Burst	Okay	Read	8-beat wrapping burst read operation with byte size	HADDR, HWDATA	PRDATA, HREADY	Read Operation with Burst
14	NONSEQUENTIAL	Halfword	8-beat Wrapping Burst	Okay	Write	8-beat wrapping burst write operation with halfword size	HADDR, HWDATA	HREADY	Write Operation with Burst
15	NONSEQUENTIAL	Word	8-beat Wrapping Burst	Okay	Read	8-beat wrapping burst read operation with word size	HADDR, HWDATA	PRDATA, HREADY	Read Operation with Burst
16	NONSEQUENTIAL	Byte	8-beat Incrementing Burst	Okay	Write	8-beat incrementing burst write operation with byte size	HADDR, HWDATA	HREADY	Write Operation with Burst
17	NONSEQUENTIAL	Halfword	8-beat Incrementing Burst	Okay	Read	8-beat incrementing burst read operation with halfword size	HADDR, HWDATA	PRDATA, HREADY	Read Operation with Burst
18	NONSEQUENTIAL	Word	8-beat Incrementing Burst	Okay	Write	8-beat incrementing burst write operation with word size	HADDR, HWDATA	HREADY	Write Operation with Burst
19	SEQUENTIAL	Byte	Single Transfer	Okay	Read	Sequential single byte read operation	HADDR, HWDATA	PRDATA, HREADY	Read Operation
20	SEQUENTIAL	Halfword	Single Transfer	Okay	Write	Sequential single halfword write operation	HADDR, HWDATA	HREADY	Write Operation
21	SEQUENTIAL	Word	Single Transfer	Okay	Read	Sequential single word read operation	HADDR, HWDATA	PRDATA, HREADY	Read Operation
22	SEQUENTIAL	Byte	Single Transfer	Error	Write	Sequential single byte write operation with error	HADDR, HWDATA	HREADY, HRESP=Error	Write Operation with Error
23	SEQUENTIAL	Halfword	Incrementing Burst	Okay	Read	Sequential incrementing burst read operation with halfword size	HADDR, HWDATA	PRDATA, HREADY	Read Operation with Burst
24	SEQUENTIAL	Word	Incrementing Burst	Okay	Write	Sequential incrementing burst write operation with word size	HADDR, HWDATA	HREADY	Write Operation with Burst
25	SEQUENTIAL	Byte	4-beat Wrapping Burst	Okay	Read	Sequential 4-beat wrapping burst read operation with byte size	HADDR, HWDATA	PRDATA, HREADY	Read Operation with Burst
26	SEQUENTIAL	Halfword	4-beat Wrapping Burst	Okay	Write	Sequential 4-beat wrapping burst write operation with halfword size	HADDR, HWDATA	HREADY	Write Operation with Burst
27	SEQUENTIAL	Word	4-beat Wrapping Burst	Okay	Read	Sequential 4-beat wrapping burst read operation with word size	HADDR, HWDATA	PRDATA, HREADY	Read Operation with Burst
28	SEQUENTIAL	Byte	4-beat Incrementing Burst	Okay	Write	Sequential 4-beat incrementing burst write operation with byte size	HADDR, HWDATA	HREADY	Write Operation with Burst
29	SEQUENTIAL	Halfword	4-beat Incrementing Burst	Okay	Read	Sequential 4-beat incrementing burst read operation with halfword size	HADDR, HWDATA	PRDATA, HREADY	Read Operation with Burst
30	SEQUENTIAL	Word	4-beat Incrementing Burst	Okay	Write	Sequential 4-beat incrementing burst write operation with word size	HADDR, HWDATA	HREADY	Write Operation with Burst
31	NONSEQUENTIAL	Byte	Single Transfer	Okay	Reset	Reset during a single byte transfer	HADDR, HWDATA, HRESET	PRDATA, HREADY, HRESET=1	Reset during Transfer
32	NONSEQUENTIAL	Halfword	Single Transfer	Okay	Reset	Reset during a single halfword transfer	HADDR, HWDATA, HRESET	HREADY, HRESET=1	Reset during Transfer
33	NONSEQUENTIAL	Word	Single Transfer	Okay	Reset	Reset during a single word transfer	HADDR, HWDATA, HRESET	PRDATA, HREADY, HRESET=1	Reset during Transfer
34	NONSEQUENTIAL	Byte	Incrementing Burst	Okay	Reset	Reset during an incrementing burst byte transfer	HADDR, HWDATA, HRESET	PRDATA, HREADY, HRESET=1	Reset during Transfer
35	NONSEQUENTIAL	Halfword	Incrementing Burst	Okay	Reset	Reset during an incrementing burst halfword transfer	HADDR, HWDATA, HRESET	HREADY, HRESET=1	Reset during Transfer
36	NONSEQUENTIAL	Word	Incrementing Burst	Okay	Reset	Reset during an incrementing burst word transfer	HADDR, HWDATA, HRESET	PRDATA, HREADY, HRESET=1	Reset during Transfer
37	NONSEQUENTIAL	Byte	4-beat Wrapping Burst	Okay	Reset	Reset during a 4-beat wrapping burst byte transfer	HADDR, HWDATA, HRESET	PRDATA, HREADY, HRESET=1	Reset during Transfer
38	NONSEQUENTIAL	Halfword	4-beat Wrapping Burst	Okay	Reset	Reset during a 4-beat wrapping burst halfword transfer	HADDR, HWDATA, HRESET	PRDATA, HREADY, HRESET=1	Reset during Transfer
39	NONSEQUENTIAL	Word	4-beat Wrapping Burst	Okay	Reset	Reset during a 4-beat wrapping burst word transfer	HADDR, HWDATA, HRESET	PRDATA, HREADY, HRESET=1	Reset during Transfer
40	NONSEQUENTIAL	Byte	4-beat Incrementing Burst	Okay	Reset	Reset during a 4-beat incrementing burst byte transfer	HADDR, HWDATA, HRESET	PRDATA, HREADY, HRESET=1	Reset during Transfer
41	NONSEQUENTIAL	Halfword	4-beat Incrementing Burst	Okay	Reset	Reset during a 4-beat incrementing burst halfword transfer	HADDR, HWDATA, HRESET	HREADY, HRESET=1	Reset during Transfer
42	NONSEQUENTIAL	Word	4-beat Incrementing Burst	Okay	Reset	Reset during a 4-beat incrementing burst word transfer	HADDR, HWDATA, HRESET	PRDATA, HREADY, HRESET=1	Reset during Transfer
43	NONSEQUENTIAL	Byte	8-beat Wrapping Burst	Okay	Reset	Reset during an 8-beat wrapping burst byte transfer	HADDR, HWDATA, HRESET	PRDATA, HREADY, HRESET=1	Reset during Transfer
44	NONSEQUENTIAL	Halfword	8-beat Wrapping Burst	Okay	Reset	Reset during an 8-beat wrapping burst halfword transfer	HADDR, HWDATA, HRESET	HREADY, HRESET=1	Reset during Transfer
45	NONSEQUENTIAL	Word	8-beat Wrapping Burst	Okay	Reset	Reset during an 8-beat wrapping burst word transfer	HADDR, HWDATA, HRESET	PRDATA, HREADY, HRESET=1	Reset during Transfer
46	NONSEQUENTIAL	Byte	8-beat Incrementing Burst	Okay	Reset	Reset during an 8-beat incrementing burst byte transfer	HADDR, HWDATA, HRESET	PRDATA, HREADY, HRESET=1	Reset during Transfer
47	NONSEQUENTIAL	Halfword	8-beat Incrementing Burst	Okay	Reset	Reset during an 8-beat incrementing burst halfword transfer	HADDR, HWDATA, HRESET	HREADY, HRESET=1	Reset during Transfer
48	NONSEQUENTIAL	Word	8-beat Incrementing Burst	Okay	Reset	Reset during an 8-beat incrementing burst word transfer	HADDR, HWDATA, HRESET	PRDATA, HREADY, HRESET=1	Reset during Transfer
49	SEQUENTIAL	Byte	Single Transfer	Error	Error Handling	Error during a single byte transfer	HADDR, HWDATA	HREADY, HRESP=Error	Error Handling
50	SEQUENTIAL	Halfword	Single Transfer	Error	Error Handling	Error during a single halfword transfer	HADDR, HWDATA	HREADY, HRESP=Error	Error Handling
51	SEQUENTIAL	Word	Single Transfer	Error	Error Handling	Error during a single word transfer	HADDR, HWDATA	HREADY, HRESP=Error	Error Handling
52	SEQUENTIAL	Byte	Incrementing Burst	Error	Error Handling	Error during an incrementing burst byte transfer	HADDR, HWDATA	HREADY, HRESP=Error	Error Handling
53	SEQUENTIAL	Halfword	Incrementing Burst	Error	Error Handling	Error during an incrementing burst halfword transfer	HADDR, HWDATA	HREADY, HRESP=Error	Error Handling
54	SEQUENTIAL	Word	Incrementing Burst	Error	Error Handling	Error during an incrementing burst word transfer	HADDR, HWDATA	HREADY, HRESP=Error	Error Handling
55	SEQUENTIAL	Byte	4-beat Wrapping Burst	Error	Error Handling	Error during a 4-beat wrapping burst byte transfer	HADDR, HWDATA	HREADY, HRESP=Error	Error Handling
56	SEQUENTIAL	Halfword	4-beat Wrapping Burst	Error	Error Handling	Error during a 4-beat wrapping burst halfword transfer	HADDR, HWDATA	HREADY, HRESP=Error	Error Handling
57	SEQUENTIAL	Word	4-beat Wrapping Burst	Error	Error Handling	Error during a 4-beat wrapping burst word transfer	HADDR, HWDATA	HREADY, HRESP=Error	Error Handling
58	SEQUENTIAL	Byte	4-beat Incrementing Burst	Error	Error Handling	Error during a 4-beat incrementing burst byte transfer	HADDR, HWDATA	HREADY, HRESP=Error	Error Handling
59	SEQUENTIAL	Halfword	4-beat Incrementing Burst	Error	Error Handling	Error during a 4-beat incrementing burst halfword transfer	HADDR, HWDATA	HREADY, HRESP=Error	Error Handling
60	SEQUENTIAL	Word	4-beat Incrementing Burst	Error	Error Handling	Error during a 4-beat incrementing burst word transfer	HADDR, HWDATA	HREADY, HRESP=Error	Error Handling