Signal	Value								
/tb_risc_v/rst_i									
/tb_risc_v/clk_i									
/tb_risc_v/pc_i	00400000				00400004	00400008	0040000C	00400010	00400014	004...
/tb_risc_v/instruction_i	00700813				0FC10217	FFC20213	0FC10297	01028293	400006B7	FFF...
/tb_risc_v/addr_f	4026466304						4026466311	4	0	12
/tb_risc_v/addr_i	0						7	268500996	268500992	268...
/tb_risc_v/rw_i									
/tb_risc_v/en_i									
/tb_risc_v/din_mem_i	0								
/tb_risc_v/dout_mem_i	X								
/tb_risc_v/dmem/mem	{10 -47 22 -3 12 27 -4 0}								

0   4   8   12   16

Entity:tb_risc_v Architecture:struct Date: Sat Feb 20 10:45:09 AM CET 2021   Row: 1 Page: 1

Signal									
/tb_risc_v/rst_i									
/tb_risc_v/clk_i									
/tb_risc_v/pc_i	004...	0040001C	00400020	00400024	00400028		0040002C	00400030	00400034	00400038
/tb_risc_v/instruction_i	FFF...	02080263	00022403	00041513	00420213		FFF80813	00D525B3	FE0584E3	000506B3
/tb_risc_v/addr_f	12	28	805240832	805240831	4026466304	0	4026466304	4026466314	4	4026466310
/tb_risc_v/addr_i	268...	268501020	1073741824	1073741823	0	268500992	0	10	268500996	6
/tb_risc_v/rw_i									
/tb_risc_v/en_i									
/tb_risc_v/din_mem_i	0	7	0						268500992	0
/tb_risc_v/dout_mem_i	X					10				
/tb_risc_v/dmem/mem	{10 -47 22 -3 12 27 -4 0}									

20 24 28 32 36

Signal										
/tb_risc_v/rst_i										
/tb_risc_v/clk_i										
/tb_risc_v/pc_i	00400038	0040003C	00400040	0040001C	00400020	00400024	00400028		0040002C	004...
/tb_risc_v/instruction_i	000506B3	FE1FF0EF	00D2A023	02080263	00022403	00041513	00420213		FFF80813	00D...
/tb_risc_v/addr_f	4026466305	4026466304		4026466314	4030660672	4026466304		4	4026466304	402...
/tb_risc_v/addr_i	1	0		10	4194368	0		268500996	0	47
/tb_risc_v/rw_i										
/tb_risc_v/en_i										
/tb_risc_v/din_mem_i	1073741823	0								
/tb_risc_v/dout_mem_i	10								-47	
/tb_risc_v/dmem/mem	{10 -47 22 -3 12 27 -4 0}									

40   44   48   52   56

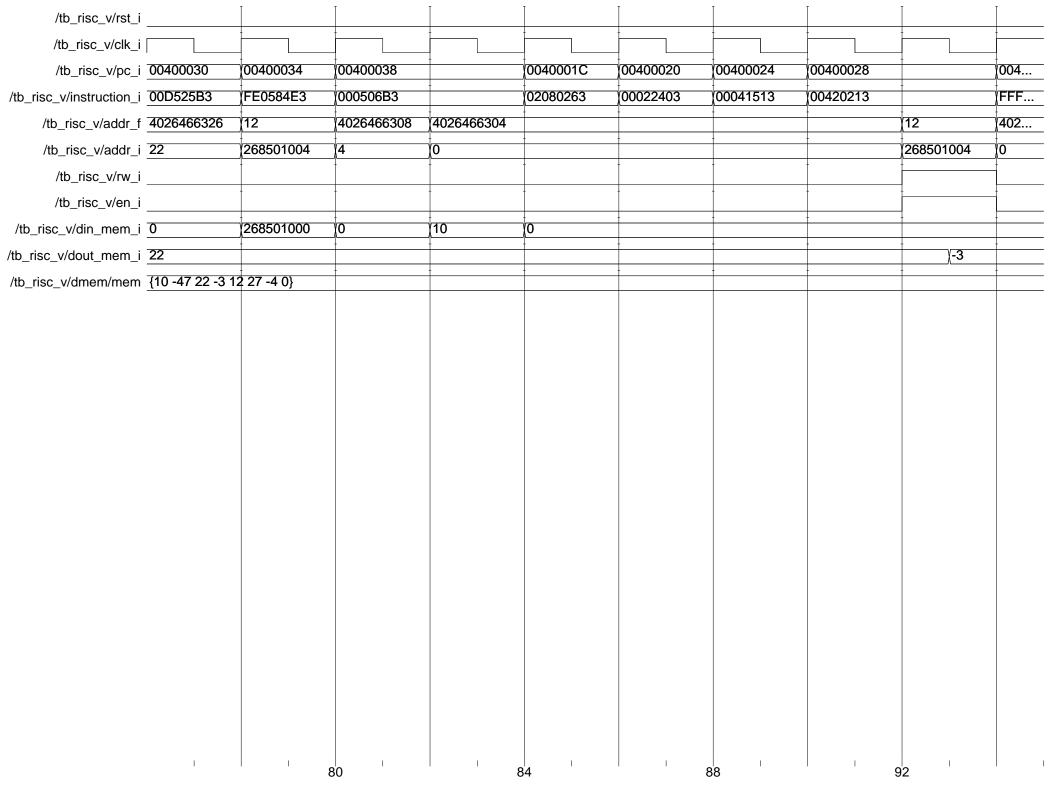Entity:tb_risc_v Architecture:struct Date: Sat Feb 20 10:45:09 AM CET 2021   Row: 3 Page: 3

Signal									
/tb_risc_v/rst_i									
/tb_risc_v/clk_i									
/tb_risc_v/pc_i	004...	00400034	00400038		0040001C	00400020	00400024	00400028	0040002C
/tb_risc_v/instruction_i	00D...	FE0584E3	000506B3		02080263	00022403	00041513	00420213	FFF80813
/tb_risc_v/addr_f	402...	8	4026466309	4026466304				8	4026466304
/tb_risc_v/addr_i	47	268501000	5	0				268501000	0
/tb_risc_v/rw_i									
/tb_risc_v/en_i									
/tb_risc_v/din_mem_i	0	268500996	0	10	0				
/tb_risc_v/dout_mem_i	-47							22	
/tb_risc_v/dmem/mem	{10 -47 22 -3 12 27 -4 0}								

60   64   68   72   76

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Signal										
/tb_risc_v/rst_i										
/tb_risc_v/clk_i										
/tb_risc_v/pc_i	00400030	00400034	00400038		0040001C	00400020	00400024	00400028		004...
/tb_risc_v/instruction_i	00D525B3	FE0584E3	000506B3		02080263	00022403	00041513	00420213		FFF...
/tb_risc_v/addr_f	4026466326	12	4026466308	4026466304					12	402...
/tb_risc_v/addr_i	22	268501004	4	0					268501004	0
/tb_risc_v/rw_i										
/tb_risc_v/en_i										
/tb_risc_v/din_mem_i	0	268501000	0	10	0					
/tb_risc_v/dout_mem_i	22								-3	
/tb_risc_v/dmem/mem	{10 -47 22 -3 12 27 -4 0}									

80 84 88 92

Entity:tb_risc_v Architecture:struct Date: Sat Feb 20 10:45:09 AM CET 2021 Row: 5 Page: 5

Signal	Values
/tb_risc_v/rst_i	
/tb_risc_v/clk_i	
/tb_risc_v/pc_i	004... 00400030 00400034 0040001C 00400038 0040003C 00400040 0040001C 00400020
/tb_risc_v/instruction_i	FFF... 00D525B3 FE0584E3 02080263 000506B3 FE1FF0EF 00D2A023 02080263 00022403
/tb_risc_v/addr_f	402... 4026466307 16 4026466307 4026466305 4026466304 4026466307 4030660672
/tb_risc_v/addr_i	0 3 268501008 3 1 0 3 4194368
/tb_risc_v/rw_i	
/tb_risc_v/en_i	
/tb_risc_v/din_mem_i	0 268501004 0 10 0 4194368
/tb_risc_v/dout_mem_i	-3
/tb_risc_v/dmem/mem	{10 -47 22 -3 12 27 -4 0}

96   100   104   108   112

Entity:tb_risc_v Architecture:struct Date: Sat Feb 20 10:45:09 AM CET 2021   Row: 6 Page: 6

Signal	Values
/tb_risc_v/rst_i	
/tb_risc_v/clk_i	
/tb_risc_v/pc_i	00400024 / 00400028 / 0040002C / 00400030 / 00400034 / 00400038 / 0040001C / 004...
/tb_risc_v/instruction_i	00041513 / 00420213 / FFF80813 / 00D525B3 / FE0584E3 / 000506B3 / 02080263 / 000...
/tb_risc_v/addr_f	4026466304 / 16 / 4026466304 / 4026466316 / 20 / 4026466306 / 4026466304
/tb_risc_v/addr_i	0 / 268501008 / 0 / 12 / 268501012 / 2 / 0
/tb_risc_v/rw_i	
/tb_risc_v/en_i	
/tb_risc_v/din_mem_i	0 / 268501008 / 0 / 3 / 0
/tb_risc_v/dout_mem_i	-3 / 12
/tb_risc_v/dmem/mem	{10 -47 22 -3 12 27 -4 0}

116   120   124   128   132

Entity:tb_risc_v Architecture:struct Date: Sat Feb 20 10:45:09 AM CET 2021 Row: 7 Page: 7

Signal	Values
/tb_risc_v/rst_i	(low)
/tb_risc_v/clk_i	(clock)
/tb_risc_v/pc_i	004... | 00400024 | 00400028 | 0040002C | 00400030 | 00400034 | 0040001C | 00400020
/tb_risc_v/instruction_i	000... | 00041513 | 00420213 | FFF80813 | 00D525B3 | FE0584E3 | 02080263 | 00022403
/tb_risc_v/addr_f	4026466304 | 20 | 4026466304 | 4026466331 | 24 | 4026466305 | 4026466304
/tb_risc_v/addr_i	0 | 268501012 | 0 | 27 | 268501016 | 1 | 0
/tb_risc_v/rw_i	(pulse)
/tb_risc_v/en_i	(pulse)
/tb_risc_v/din_mem_i	0 | 268501012 | 0 | 3 | 0
/tb_risc_v/dout_mem_i	12 | 27
/tb_risc_v/dmem/mem	{10 -47 22 -3 12 27 -4 0}

136   140   144   148   152

Signal	Values
/tb_risc_v/rst_i	
/tb_risc_v/clk_i	
/tb_risc_v/pc_i	00400024 00400028 0040002C 00400030 00400034 0040001C 00400020 004...
/tb_risc_v/instruction_i	00041513 00420213 FFF80813 00D525B3 FE0584E3 02080263 00022403 00D...
/tb_risc_v/addr_f	4026466304 24 4026466304 4026466308 28 4026466304
/tb_risc_v/addr_i	0 268501016 0 4 268501020 0
/tb_risc_v/rw_i	
/tb_risc_v/en_i	
/tb_risc_v/din_mem_i	0 268501016 0 3 0
/tb_risc_v/dout_mem_i	27 -4
/tb_risc_v/dmem/mem	{10 -47 22 -3 12 27 -4 0}

156   160   164   168

Entity:tb_risc_v Architecture:struct Date: Sat Feb 20 10:45:09 AM CET 2021   Row: 9 Page: 9

This is a waveform/timing diagram from a simulation tool.

Signal	Values (left to right)
/tb_risc_v/rst_i	(low throughout)
/tb_risc_v/clk_i	(clock waveform)
/tb_risc_v/pc_i	004... | 00400044 | 00400048 | 00400044 | 00400048 | 00400044 | 00400048 | 00400044 | 00400048 | 00400044
/tb_risc_v/instruction_i	00D... | 000000EF | 00000013 | 000000EF | 00000013 | 000000EF | 00000013 | 000000EF | 00000013 | 000000EF
/tb_risc_v/addr_f	4026466304 | 28 | 4030660680 | 4026466304 | 4030660680 | 4026466304 | 4030660680 | 4026466304
/tb_risc_v/addr_i	0 | 268501020 | 4194376 | 0 | 4194376 | 0 | 4194376 | 0
/tb_risc_v/rw_i	(low throughout)
/tb_risc_v/en_i	(pulse high)
/tb_risc_v/din_mem_i	0 | 3 | 0
/tb_risc_v/dout_mem_i	-4
/tb_risc_v/dmem/mem	{10 -47 22 -3 12 27 -4 0} | {10 -47 22 -3 12 27 -4 3}

Time axis: 172   176   180   184   188