

Waveform 1 - SimVision

Cursor = 400ns

Baseline = 0

Cursor-Baseline = 400ns

a

b

c

cout

i[2:0]

sum

1

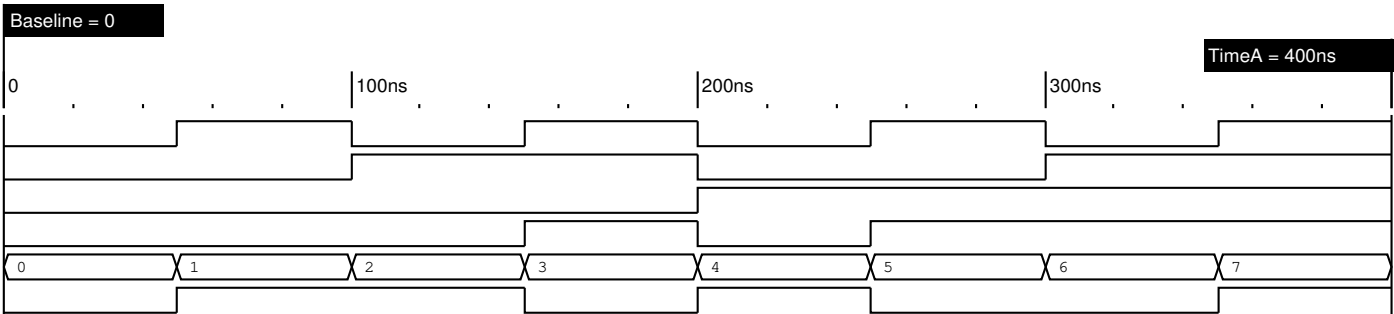
1

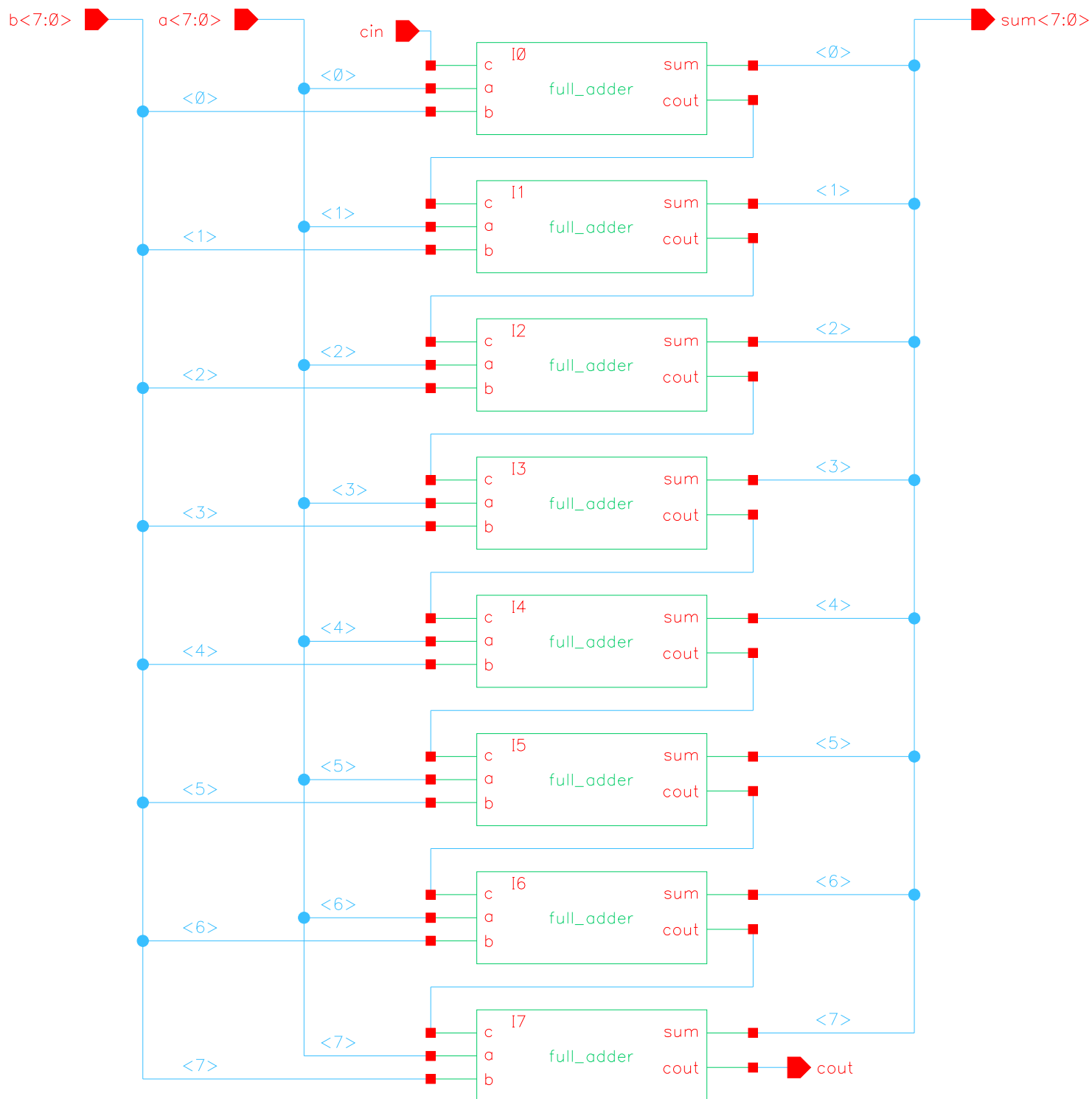
1

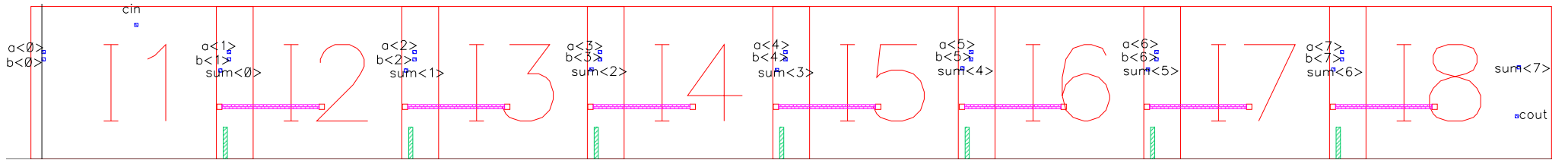
1

'h7

1







=====

Compare set name: c1 (hierarchical)

Databases:

Logical Name	Database Pathname	Type
g	/class/ece425/mp1/adder_8bit_run1/shm.db/shm.db.trn	Golden
t	/home/koepcke2/ece425.work/adder_8bit_run1/shm.db/shm.db.trn	Test

=====

Compare command:

compare . -pos 2ns -neg 2ns -maxerrors 200

Comparison parameters:

Total error limit: 100
This error limit: 200
Depth: No limit
Negative tolerance: 2ns
Positive tolerance: 2ns
Start time: 0ns
End time: 18446744073.709551615s

Comparison summary:

Successful compares: 8/8
No problems found.

=====

Compare set name: c1:cds_globals.gnd_

Comparison parameters:

Golden expression: g::cds_globals.gnd_
Test expression: t::cds_globals.gnd_

Comparison summary:

No problems found.

=====

Compare set name: c1:cds_globals.vdd_

Comparison parameters:

Golden expression: g::cds_globals.vdd_
Test expression: t::cds_globals.vdd_

Comparison summary:

No problems found.

=====

Compare set name: c1:test.a[7:0]

Comparison parameters:

Golden expression: g::test.a[7:0]

Test expression: t::test.a[7:0]

Comparison summary:

No problems found.

=====

Compare set name: c1:test.b[7:0]

Comparison parameters:

Golden expression: g::test.b[7:0]

Test expression: t::test.b[7:0]

Comparison summary:

No problems found.

=====

Compare set name: c1:test.cin

Comparison parameters:

Golden expression: g::test.cin

Test expression: t::test.cin

Comparison summary:

No problems found.

=====

Compare set name: c1:test.cout

Comparison parameters:

Golden expression: g::test.cout

Test expression: t::test.cout

Comparison summary:

No problems found.

=====

Compare set name: c1:test.i[16:0]

Comparison parameters:

Golden expression: g::test.i[16:0]

Test expression: t::test.i[16:0]

Comparison summary:

No problems found.

=====

Compare set name: c1:test.sum[7:0]

Comparison parameters:

Golden expression: `g::test.sum[7:0]`

Test expression: `t::test.sum[7:0]`

Comparison summary:

No problems found.

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@(#)SCDS: LVS version 6.1.8-64b 08/17/2021 19:16 (cpgsrv12) \$

Command line: /software/cadence-2021-09/IC618/tools.lnx86/dfII/bin/64bit/LVS -dir /home/koepcke2/ece425.work/LVS -l -s -t /home/koepcke2/ece425.work/LVS/layout /home/koepcke2/ece425.work/LVS/schematic

Like matching is enabled.

Net swapping is enabled.

Using terminal names as correspondence points.

```
Net-list summary for /home/koepcke2/ece425.work/LVS/layout/netlist
count
147      nets
26       terminals
128      pmos
128      nmos
```

```
Net-list summary for /home/koepcke2/ece425.work/LVS/schematic/netlist
count
147      nets
28       terminals
128      pmos
128      nmos
```

Terminal correspondence points

N128	N9	a<0>
N125	N8	a<1>
N122	N7	a<2>
N145	N6	a<3>
N141	N5	a<4>
N137	N4	a<5>
N134	N3	a<6>
N132	N2	a<7>
N143	N17	b<0>
N140	N16	b<1>
N136	N15	b<2>
N133	N14	b<3>
N130	N13	b<4>
N127	N12	b<5>
N124	N11	b<6>
N121	N10	b<7>
N144	N26	cin
N138	N27	cout
N131	N25	sum<0>
N129	N24	sum<1>
N126	N23	sum<2>
N123	N22	sum<3>
N146	N21	sum<4>
N142	N20	sum<5>
N139	N19	sum<6>
N135	N18	sum<7>

Devices in the netlist but not in the rules:

pmos nmos

The net-lists match.

	layout	schematic
	instances	
un-matched	0	0
rewired	0	0
size errors	0	0
pruned	0	0

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active	256	256
total	256	256

	nets	
un-matched	0	0
merged	0	0
pruned	0	0
active	147	147
total	147	147

	terminals	
un-matched	0	0
matched but different type	0	0
total	26	28

Probe files from /home/koepcke2/ece425.work/LVS/schematic

devbad.out:

netbad.out:

mergenet.out:

termbad.out:

prunenet.out:

prunedev.out:

audit.out:

Probe files from /home/koepcke2/ece425.work/LVS/layout

devbad.out:

netbad.out:

mergenet.out:

termbad.out:

prunenet.out:

prunedev.out:

audit.out: