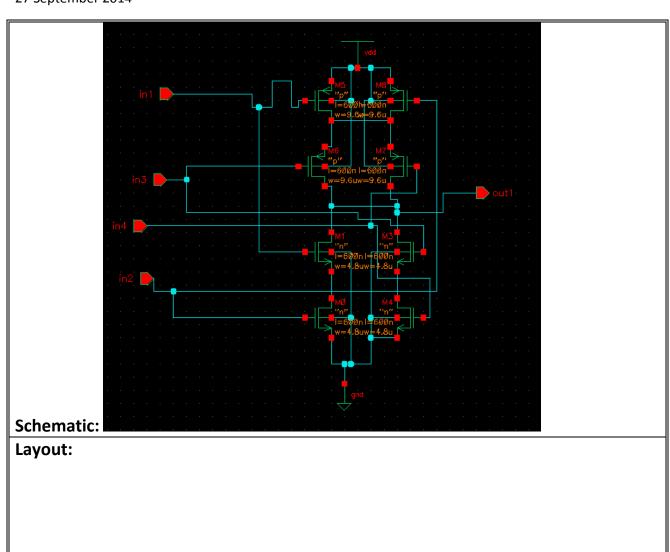
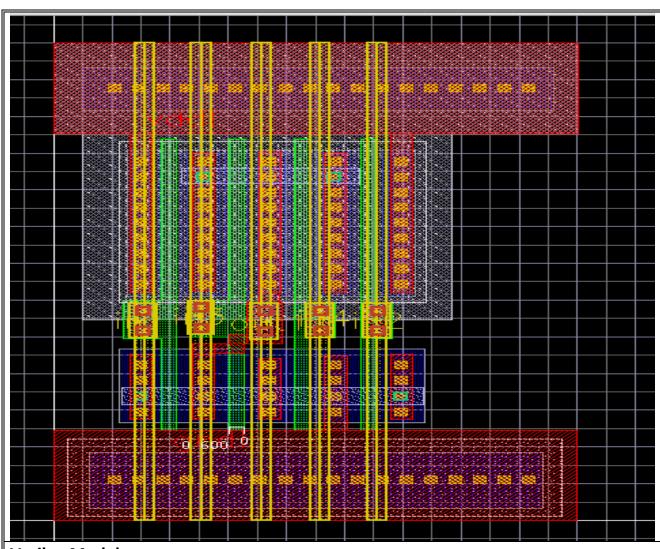
Name:			
ivaille.			

Library Name:	
Cell Name:	Zxw_aoi
Function/Truth Table:	
0000	1
0001	1
0010	1
0011	0
0100	1
0101	1
0110	1
0111	0
1000	1
1001	1
1010	1
1011	0
1100	0
1101	0
1110	0
1111	0

Propagation Delay:					
• 673.92um^2					
Symbol with Port Names:					
[@ins tanceNam	ne] · · · ·				
in1 out1 +					
in2 [@partName]					
in3 - 10 partition 1 - 1 - 1 - 1 - 1 - 1					
in4 · · · · · · · · · · · · · · · · · · ·					





Verilog Model:

endmodule

```
module zxw_aoi (in1,in2,in3,in4,out1 );
    input in1;
    input in2;
    input in3;
    input in4;
    output out1;
    and(a,in1,in2);
    and(b,in3,in4);
    or(c,a,b);
    not(out1,c);
```

```
Comments/Notes:
* PROGRAM advgen
* CDL LIBRARY
.SUBCKT zxw_aoi vdd! gnd! in1 in2 in3 in4 out1
* caps2d version: 7
   TRANSISTOR CARDS
M0 net33#4 in2#5 gnd!#1 gnd!#2
                                     nmos L=0.6 W=4.8
+ AD=9.6 AS=5.16 PD=8.8 PS=2.15
M4 net21 in4#3 gnd!#1 gnd!#2 nmos L=0.6 W=4.8
+ AD=5.04 AS=5.16 PD=2.1
                            PS=2.15
M3 out1#4 in3#6 net21 gnd!#2 nmos L=0.6 W=4.8
+ AD=5.28 AS=5.04
                  PD=2.2 PS=2.1
M1 out1#4 in1#5 net33#2 gnd!#2
                                     nmos L=0.6 W=4.8
+ AD=5.28 AS=8.4 PD=2.2
                            PS=8.3
M5 net12 in1#3 vdd!#4 vdd!#2
                                pmos L=0.6 W=9.6
+ AD=10.56 AS=13.44 PD=2.2
                           PS=12.4
M6 out1#3 in3#4 net12 vdd!#2
                                pmos L=0.6 W=9.6
```

```
+ AD=10.08 AS=10.56 PD=2.1
                            PS=2.2
                                      pmos L=0.6 W=9.6
M7 out1#3 in4#4 net12#3
                           vdd!#2
+ AD=10.08 AS=10.32 PD=2.1 PS=2.15
M8 net12#3 in2#4 vdd!#1
                           vdd!#2
                                      pmos L=0.6 W=9.6
+ AD=10.32 AS=15.36 PD=2.15 PS=12.8
*
   RESISTOR AND CAP/DIODE CARDS
Re1 in1#3 in1#4 309.4460
Re2 in1#4 in1#2 9.0000
Re3 in1#4 in1#5 209.4459
Re4 in3#4 in3#5 305.9531
Re5 in3#5 in3#1 14.6809
Re6 in3#5 in3#6 213.4531
Re7 in4#1 in4#2 25.8696
Re8 in4#2 in4#3 189.8276
Re9 in4#2 in4#4 289.8275
Re10 in2#4 in2#2 286.3000
Re11 in2#2 in2#5 181.3000
Rc1 net33 net33#2
                    21.0496
Rc2 in1#1 in1#2 20.5000
Rc3 net12 net12#2
                    12.3944
Rc4 in3#1 in3#2 20.5000
Rc5 out1#3 out1#1
                         11.6857
Rc6 out1#1 out1#4
                         20.5732
Rc7 in4#5 in4#1 0.5000
Rc8 net12#3 net12#4
                         12.3944
Rc9 in2#1 in2#2 20.5000
Rc10 net33#3 net33#4
                         21.0496
Rc11 gnd!#1
              gnd!#3
                         20.3248
Rc12 gnd!#3
              gnd! 6.626E-02
Rc13 gnd!#2
              gnd!#3
                        5.5556
Rc14 vdd!#1 vdd!#3
                         11.7482
Rc15 vdd!#3 vdd! 8.214E-02
Rc16 vdd! vdd!#4
                    11.7265
```

Name:		
maille.		

Rc17 vdd!#2 vdd!#3 4.4444
Rb1 in1#1 in1 0.5000
Rb2 in3 in3#2 0.5000
Rb3 out1#1 out1 1.0000
Rb4 in4 in4#5 0.5000
Rb5 net12#4 net12#2 0.4590
Rb6 in2#1 in2 0.5000
Rb7 net33#3 net33 0.7946
*
* CAPACITOR CARDS
*
*
C1 in1 vdd! 2.992E-16
C2 net12#2 vdd!#2 1.125E-17
C3 in4#5 gnd!#1 3.898E-17
C4 net33#3 in2#1 8.390E-18
C5 vdd! in3#4 6.617E-17
C6 vdd! in1#3 6.617E-17
C7 in2#5 gnd!#2 4.622E-16
C8 out1#3 in3#4 1.538E-16
C9 in3#1 out1#1 6.873E-17
C10 net12#2 vdd! 5.698E-17
C11 in1#1 gnd!#2 2.345E-17
C12 out1#3 in4#2 5.367E-17
C13 vdd! gnd!#2 6.202E-17
C14 net33#2 out1#4 7.689E-17
C15 in4#3 gnd!#2 4.660E-16
C16 out1#3 vdd!#2 5.455E-17
C17 gnd!#1 net33#4 7.275E-17
C18 net33#4 in2#5 8.547E-17
C19 out1#4 gnd!#2 1.621E-17
C20 in4#5 in2#1 6.557E-17
C21 in1 net12#2 3.529E-17
C22 in3#6 gnd!#2 3.698E-16
C23 gnd!#1 in2#5 8.681E-17
C24 in1#1 in3#1 7.536E-17

Name:		
maille.		

C25 out1#4 in1#4 3.134E-17 C26 in2 net33#3 1.261E-16 C27 gnd!#1 net12#3 1.230E-17 C28 in2 net12#4 5.677E-17 C29 in1 gnd!#2 2.473E-16 C30 vdd!#4 in1#3 2.275E-16 C31 net12#2 out1#3 6.953E-17 C32 in1#5 gnd!#2 3.440E-16
C27 gnd!#1 net12#3 1.230E-17 C28 in2 net12#4 5.677E-17 C29 in1 gnd!#2 2.473E-16 C30 vdd!#4 in1#3 2.275E-16 C31 net12#2 out1#3 6.953E-17
C28 in2 net12#4 5.677E-17 C29 in1 gnd!#2 2.473E-16 C30 vdd!#4 in1#3 2.275E-16 C31 net12#2 out1#3 6.953E-17
C29 in1 gnd!#2 2.473E-16 C30 vdd!#4 in1#3 2.275E-16 C31 net12#2 out1#3 6.953E-17
C30 vdd!#4 in1#3 2.275E-16 C31 net12#2 out1#3 6.953E-17
C31 net12#2 out1#3 6.953E-17
C32 in1#5 gnd!#2 3.440E-16
C33 gnd!#1 in4#3 8.515E-17
C34 in4#4 in2#4 8.173E-18
C35 out1#4 in3#5 1.322E-17
C36 in1 out1#4 2.917E-17
C37 vdd!#4 in1#4 6.020E-17
C38 out1#3 net12#3 1.609E-16
C39 in1 vdd!#4 2.704E-16
C40 in1 net33#2 1.025E-16
C41 in2 gnd!#2 4.887E-16
C42 in2 vdd!#1 6.416E-16
C43 in3#4 in4#4 8.589E-18
C44 in2 vdd!#2 1.234E-16
C45 in2 net33#4 1.346E-16
C46 out1#1 in4#5 9.408E-17
C47 out1 net33#3 2.779E-17
C48 in2#2 gnd!#2 4.247E-16
C49 in2 net12#3 7.590E-17
C50 in2 gnd!#1 3.095E-17
C51 out1 net12#4 2.897E-17
C52 vdd!#1 in2#2 6.825E-17
C53 in1#3 in3#4 7.581E-18
C54 net33#2 in1#4 2.051E-17
C55 in1#4 gnd!#2 2.401E-16
C56 out1 net12#2 7.421E-17
C57 in4#1 gnd!#2 2.120E-16
C58 net33#4 in2#2 3.283E-17
C59 in3#5 gnd!#2 3.021E-16

Name:			

C61 in3#1 gnd!#2 2.095E-16 C62 net12#3 in2#2 4.410E-17 C63 out1#4 in3#6 8.526E-17 C64 gnd!#1 in2#2 1.439E-17 C65 out1 gnd!#2 1.463E-16 C66 in4#2 gnd!#2 2.545E-16 C67 out1#1 in3#5 2.436E-16 C68 out1 vdd!#2 2.141E-16 C69 in1#2 gnd!#2 2.561E-16 C70 net12#4 in2#4 9.481E-18 C71 net12#3 in4#1 2.734E-17 C72 out1#4 in1#5 7.008E-17 C73 out1 net12#3 3.794E-17 C74 out1 gnd!#1 1.697E-17 C75 out1#1 in4#2 9.667E-17 C76 gnd!#1 in4#4 3.074E-17 C77 net12#4 in4#4 3.074E-17 C78 net33#3 gnd!#2 2.776E-16 C80 vdd!#1 gnd!#2 7.551E-17 C81 in1#1 vdd!#4 7.551E-17 C82 net33#3 in2#5 7.845E-18 C83 in2#1 gnd!#2 2.476E-17 C84 net33#3 in4#3 2.660E-17 C85 net12#2 in1#3 9.099E-18 C80 in2#1 vdd!#1 1.805E-17 C81 in4#1 in2#2 6.546E-17 C82 net3#3 in4#3 2.660E-17 C83 in4#1 in2#2 1.895E-16 C84 in4#1 in2#2 6.546E-17 C85 net12#2 in1#3 9.099E-18 C91 gnd!#2 net33#4 1.074E-16 C92 net12#4 vdd!#1 2.340E-17 C93 vdd!#1 in2#4 1.891E-16 C94 in2#1 net33#4 1.792E-17 C95 in3#1 out1#4 1.258E-16 C96 net33#3 gnd!#1 1.710E-16			
C63 out1#4 in3#6 8.526E-17 C64 gndl#1 in2#2 1.439E-17 C65 out1 gndl#2 1.463E-16 C66 in4#2 gndl#2 2.545E-16 C67 out1#1 in3#5 2.436E-16 C68 out1 vddl#2 2.141E-16 C69 in1#2 gndl#2 2.561E-16 C70 net12#4 in2#4 9.481E-18 C71 net12#3 in4#1 2.734E-17 C72 out1#4 in1#5 7.008E-17 C73 out1 net12#3 3.794E-17 C74 out1 gndl#1 1.697E-17 C75 out1#1 in4#2 9.667E-17 C76 gndl#1 in4#1 1.428E-17 C77 net12#4 in4#4 3.074E-17 C78 net33#3 gndl#2 1.595E-16 C80 vddl#1 gndl#2 7.551E-17 C81 in1#1 vddl#4 7.551E-17 C82 net33#3 in2#5 7.845E-18 C83 in2#1 gndl#2 2.476E-17 C84 net33#3 in2#5 7.845E-18 C85 net12#2 in3#4 3.074E-17 C86 net33#3 in4#3 2.660E-17 C87 in2#1 vddl#1 1.805E-17 C88 in4#1 in2#2 6.546E-17 C89 in3#5 in4#2 7.551E-18 C90 net12#2 in1#3 9.099E-18 C91 gndl#2 net33#4 1.074E-16 C92 net12#4 vddl#1 2.340E-17 C93 vddl#1 in2#4 1.891E-16 C94 in2#1 net33#4 1.792E-17 C95 in3#1 out1#4 1.258E-16	C61	in3#1 gnd!#2	2.095E-16
C64 gnd!#1 in2#2 1.439E-17 C65 out1 gnd!#2 1.463E-16 C66 in4#2 gnd!#2 2.545E-16 C67 out1#1 in3#5 2.436E-16 C68 out1 vdd!#2 2.141E-16 C69 in1#2 gnd!#2 2.561E-16 C70 net12#4 in2#4 9.481E-18 C71 net12#3 in4#1 2.734E-17 C72 out1#4 in1#5 7.008E-17 C73 out1 net12#3 3.794E-17 C74 out1 gnd!#1 1.697E-17 C75 out1#1 in4#2 9.667E-17 C76 gnd!#1 in4#1 1.428E-17 C77 net12#4 in4#4 3.074E-17 C78 net33#3 gnd!#2 1.595E-16 C80 vdd!#1 gnd!#2 2.776E-16 C81 in1#1 vdd!#4 7.551E-17 C82 net33#3 in2#5 7.845E-18 C83 in2#1 gnd!#2 2.476E-17 C84 net33#3 in2#5 7.845E-18 C85 in2#1 gnd!#2 2.476E-17 C86 net33#3 in4#3 2.660E-17 C87 in2#1 vdd!#1 1.805E-17 C88 in4#1 in2#2 6.546E-17 C89 in3#5 in4#2 7.581E-18 C90 net12#2 in1#3 9.099E-18 C91 gnd!#2 net33#4 1.074E-16 C92 net12#4 vdd!#1 2.340E-17 C93 vdd!#1 in2#4 1.891E-16 C94 in2#1 net33#4 1.792E-17 C95 in3#1 out1#4 1.258E-16	C62	net12#3 in2#2	4.410E-17
C65 out1 gndl#2 1.463E-16 C66 in4#2 gndl#2 2.545E-16 C67 out1#1 in3#5 2.436E-16 C68 out1 vddl#2 2.141E-16 C69 in1#2 gndl#2 2.561E-16 C70 net12#4 in2#4 9.481E-18 C71 net12#3 in4#1 2.734E-17 C72 out1#4 in1#5 7.008E-17 C73 out1 net12#3 3.794E-17 C74 out1 gndl#1 1.697E-17 C75 out1#1 in4#2 9.667E-17 C76 gndl#1 in4#1 1.428E-17 C77 net12#4 in4#4 3.074E-17 C78 net33#3 gndl#2 1.595E-16 C79 net33#2 in1#5 1.052E-16 C80 vddl#1 gndl#2 2.776E-16 C81 in1#1 vddl#4 7.551E-17 C82 net33#3 in2#5 7.845E-18 C83 in2#1 gndl#2 2.476E-17 C84 net33#2 in1#5 1.561E-17 C85 net12#2 in3#4 3.074E-17 C86 net33#3 in4#3 2.660E-17 C87 in2#1 vddl#1 1.805E-17 C88 in4#1 in2#2 6.546E-17 C89 in3#5 in4#2 7.581E-18 C90 net12#4 vddl#1 2.340E-17 C91 vddl#1 in2#4 1.891E-16 C92 net12#4 vddl#1 2.340E-17 C93 vddl#1 in2#4 1.891E-16 C94 in2#1 net33#4 1.792E-17 C95 in3#1 out1#4 1.258E-16			
C66 in4#2 gnd!#2 2.545E-16 C67 out1#1 in3#5 2.436E-16 C68 out1 vdd!#2 2.141E-16 C69 in1#2 gnd!#2 2.561E-16 C70 net12#4 in2#4 9.481E-18 C71 net12#3 in4#1 2.734E-17 C72 out1#4 in1#5 7.008E-17 C73 out1 net12#3 3.794E-17 C74 out1 gnd!#1 1.697E-17 C75 out1#1 in4#2 9.667E-17 C76 gnd!#1 in4#1 1.428E-17 C77 net12#4 in4#4 3.074E-17 C78 net33#3 gnd!#2 1.595E-16 C79 net33#2 in1#5 1.052E-16 C80 vdd!#1 gnd!#2 2.776E-16 C81 in1#1 vdd!#4 7.551E-17 C82 net33#3 in2#5 7.845E-18 C83 in2#1 gnd!#2 2.476E-17 C84 net33#3 in4#3 2.660E-17 C85 net12#2 in3#4 3.074E-17 C86 net33#3 in4#3 2.660E-17 C87 in2#1 vdd!#1 1.805E-17 C88 in4#1 in2#2 6.546E-17 C89 in3#5 in4#2 7.581E-18 C90 net12#2 vdd!#1 2.340E-17 C91 vdd!#1 in2#4 1.891E-16 C92 net12#4 vdd!#1 2.340E-17 C93 vdd!#1 in2#4 1.891E-16 C94 in2#1 net33#4 1.792E-17 C95 in3#1 out1#4 1.258E-16	C64	gnd!#1 in2#2	1.439E-17
C67 out1#1 in3#5 2.436E-16 C68 out1 vdd!#2 2.141E-16 C69 in1#2 gnd!#2 2.561E-16 C70 net12#4 in2#4 9.481E-18 C71 net12#3 in4#1 2.734E-17 C72 out1#4 in1#5 7.008E-17 C73 out1 net12#3 3.794E-17 C74 out1 gnd!#1 1.697E-17 C75 out1#1 in4#2 9.667E-17 C76 gnd!#1 in4#1 1.428E-17 C77 net12#4 in4#4 3.074E-17 C78 net33#3 gnd!#2 1.595E-16 C80 vdd!#1 gnd!#2 2.776E-16 C80 vdd!#1 gnd!#2 2.776E-16 C81 in1#1 vdd!#4 7.551E-17 C82 net33#3 in2#5 7.845E-18 C83 in2#1 gnd!#2 2.476E-17 C84 net33#2 in1#1 5.561E-17 C85 net12#2 in3#4 3.074E-17 C86 net33#3 in4#3 2.660E-17 C87 in2#1 vdd!#1 1.805E-17 C88 in4#1 in2#2 6.546E-17 C89 in3#5 in4#2 7.581E-18 C90 net12#2 in1#3 9.099E-18 C91 gnd!#2 net33#4 1.074E-16 C92 net12#4 vdd!#1 2.340E-17 C93 vdd!#1 in2#4 1.891E-16 C94 in2#1 net33#4 1.792E-17 C95 in3#1 out1#4 1.258E-16	C65	out1 gnd!#2	1.463E-16
C68 out1 vdd!#2 2.141E-16 C69 in1#2 gnd!#2 2.561E-16 C70 net12#4 in2#4 9.481E-18 C71 net12#3 in4#1 2.734E-17 C72 out1#4 in1#5 7.008E-17 C73 out1 net12#3 3.794E-17 C74 out1 gnd!#1 1.697E-17 C75 out1#1 in4#2 9.667E-17 C76 gnd!#1 in4#4 3.074E-17 C77 net12#4 in4#4 3.074E-17 C78 net33#3 gnd!#2 1.595E-16 C80 vdd!#1 gnd!#2 2.776E-16 C81 in1#1 vdd!#4 7.551E-17 C82 net33#3 in2#5 7.845E-18 C83 in2#1 gnd!#2 2.476E-17 C84 net33#2 in1#1 5.561E-17 C85 net12#2 in3#4 3.074E-17 C86 net33#3 in4#3 2.660E-17 C87 in2#1 vdd!#1 1.805E-17 C88 in4#1 in2#2 6.546E-17 C89 in3#5 in4#2 7.581E-18 C90 gnd!#2 net33#4 1.074E-16 C91 gnd!#2 net33#4 1.074E-16 C92 net12#4 vdd!#1 2.340E-17 C93 vdd!#1 in2#4 1.891E-16 C94 in2#1 net33#4 1.792E-17 C95 in3#1 out1#4 1.258E-16	C66	in4#2 gnd!#2	2.545E-16
C69 in1#2 gnd!#2 2.561E-16 C70 net12#4 in2#4 9.481E-18 C71 net12#3 in4#1 2.734E-17 C72 out1#4 in1#5 7.008E-17 C73 out1 net12#3 3.794E-17 C74 out1 gnd!#1 1.697E-17 C75 out1#1 in4#2 9.667E-17 C76 gnd!#1 in4#1 1.428E-17 C77 net12#4 in4#4 3.074E-17 C78 net33#3 gnd!#2 1.595E-16 C79 net33#2 in1#5 1.052E-16 C80 vdd!#1 gnd!#2 2.776E-16 C81 in1#1 vdd!#4 7.551E-17 C82 net33#3 in2#5 7.845E-18 C83 in2#1 gnd!#2 2.476E-17 C84 net33#2 in1#1 5.561E-17 C85 net12#2 in3#4 3.074E-17 C86 net33#3 in4#3 2.660E-17 C87 in2#1 vdd!#1 1.805E-17 C88 in4#1 in2#2 6.546E-17 C89 in3#5 in4#2 7.581E-18 C90 net12#2 in1#3 9.099E-18 C91 gnd!#2 net33#4 1.074E-16 C92 net12#4 vdd!#1 2.340E-17 C93 vdd!#1 in2#4 1.891E-16 C94 in2#1 net33#4 1.792E-17 C95 in3#1 out1#4 1.258E-16	C67	out1#1 in3#5	2.436E-16
C70 net12#4 in2#4 9.481E-18 C71 net12#3 in4#1 2.734E-17 C72 out1#4 in1#5 7.008E-17 C73 out1 net12#3 3.794E-17 C74 out1 gndl#1 1.697E-17 C75 out1#1 in4#2 9.667E-17 C76 gndl#1 in4#1 1.428E-17 C77 net12#4 in4#4 3.074E-17 C78 net33#3 gndl#2 1.595E-16 C79 net33#2 in1#5 1.052E-16 C80 vddl#1 gndl#2 2.776E-16 C81 in1#1 vddl#4 7.551E-17 C82 net33#3 in2#5 7.845E-18 C83 in2#1 gndl#2 2.476E-17 C84 net33#2 in1#1 5.561E-17 C85 net12#2 in3#4 3.074E-17 C86 net33#3 in4#3 2.660E-17 C87 in2#1 vddl#1 1.805E-17 C88 in4#1 in2#2 6.546E-17 C89 in3#5 in4#2 7.581E-18 C90 net12#2 in1#3 9.099E-18 C91 gndl#2 net33#4 1.074E-16 C92 net12#4 vddl#1 2.340E-17 C93 vddl#1 in2#4 1.891E-16 C94 in2#1 net33#4 1.792E-17 C95 in3#1 out1#4 1.258E-16	C68	out1 vdd!#2	2.141E-16
C71 net12#3 in4#1 2.734E-17 C72 out1#4 in1#5 7.008E-17 C73 out1 net12#3 3.794E-17 C74 out1 gnd!#1 1.697E-17 C75 out1#1 in4#2 9.667E-17 C76 gnd!#1 in4#1 1.428E-17 C77 net12#4 in4#4 3.074E-17 C78 net33#3 gnd!#2 1.595E-16 C80 vdd!#1 gnd!#2 2.776E-16 C80 vdd!#1 gnd!#2 2.776E-16 C81 in1#1 vdd!#4 7.551E-17 C82 net33#3 in2#5 7.845E-18 C83 in2#1 gnd!#2 2.476E-17 C84 net33#2 in1#1 5.561E-17 C85 net12#2 in3#4 3.074E-17 C86 net33#3 in4#3 2.660E-17 C87 in2#1 vdd!#1 1.805E-17 C88 in4#1 in2#2 6.546E-17 C89 in3#5 in4#2 7.581E-18 C90 net12#2 in1#3 9.099E-18 C91 gnd!#2 net33#4 1.074E-16 C92 net12#4 vdd!#1 2.340E-17 C93 vdd!#1 in2#4 1.891E-16 C94 in2#1 net33#4 1.792E-17 C95 in3#1 out1#4 1.258E-16	C69	in1#2 gnd!#2	2.561E-16
C72 out1#4 in1#5 7.008E-17 C73 out1 net12#3 3.794E-17 C74 out1 gnd!#1 1.697E-17 C75 out1#1 in4#2 9.667E-17 C76 gnd!#1 in4#1 1.428E-17 C77 net12#4 in4#4 3.074E-17 C78 net33#3 gnd!#2 1.595E-16 C80 vdd!#1 gnd!#2 2.776E-16 C81 in1#1 vdd!#4 7.551E-17 C82 net33#3 in2#5 7.845E-18 C83 in2#1 gnd!#2 2.476E-17 C84 net33#2 in1#1 5.561E-17 C85 net12#2 in3#4 3.074E-17 C86 net33#3 in4#3 2.660E-17 C87 in2#1 vdd!#1 1.805E-17 C88 in4#1 in2#2 6.546E-17 C89 in3#5 in4#2 7.581E-18 C90 net12#2 in1#3 9.099E-18 C91 gnd!#2 net33#4 1.074E-16 C92 net12#4 vdd!#1 2.340E-17 C93 vdd!#1 in2#4 1.891E-16 C94 in2#1 net33#4 1.792E-17 C95 in3#1 out1#4 1.258E-16	C70	net12#4 in2#4	9.481E-18
C73 out1 net12#3 3.794E-17 C74 out1 gnd!#1 1.697E-17 C75 out1#1 in4#2 9.667E-17 C76 gnd!#1 in4#1 1.428E-17 C77 net12#4 in4#4 3.074E-17 C78 net33#3 gnd!#2 1.595E-16 C79 net33#2 in1#5 1.052E-16 C80 vdd!#1 gnd!#2 2.776E-16 C81 in1#1 vdd!#4 7.551E-17 C82 net33#3 in2#5 7.845E-18 C83 in2#1 gnd!#2 2.476E-17 C84 net33#2 in1#1 5.561E-17 C85 net12#2 in3#4 3.074E-17 C86 net33#3 in4#3 2.660E-17 C87 in2#1 vdd!#1 1.805E-17 C88 in4#1 in2#2 6.546E-17 C89 in3#5 in4#2 7.581E-18 C90 net12#2 in1#3 9.099E-18 C91 gnd!#2 net33#4 1.074E-16 C92 net12#4 vdd!#1 2.340E-17 C93 vdd!#1 in2#4 1.891E-16 C94 in2#1 net33#4 1.792E-17 C95 in3#1 out1#4 1.258E-16	C71	net12#3 in4#1	2.734E-17
C74 out1 gndl#1 1.697E-17 C75 out1#1 in4#2 9.667E-17 C76 gndl#1 in4#1 1.428E-17 C77 net12#4 in4#4 3.074E-17 C78 net33#3 gndl#2 1.595E-16 C79 net33#2 in1#5 1.052E-16 C80 vddl#1 gndl#2 2.776E-16 C81 in1#1 vddl#4 7.551E-17 C82 net33#3 in2#5 7.845E-18 C83 in2#1 gndl#2 2.476E-17 C84 net33#2 in1#1 5.561E-17 C85 net12#2 in3#4 3.074E-17 C86 net33#3 in4#3 2.660E-17 C87 in2#1 vddl#1 1.805E-17 C88 in4#1 in2#2 6.546E-17 C89 in3#5 in4#2 7.581E-18 C90 net12#2 in1#3 9.099E-18 C91 gndl#2 net33#4 1.074E-16 C92 net12#4 vddl#1 2.340E-17 C93 vddl#1 in2#4 1.891E-16 C94 in2#1 net33#4 1.792E-17 C95 in3#1 out1#4 1.258E-16	C72	out1#4 in1#5	7.008E-17
C75 out1#1 in4#2 9.667E-17 C76 gnd!#1 in4#1 1.428E-17 C77 net12#4 in4#4 3.074E-17 C78 net33#3 gnd!#2 1.595E-16 C79 net33#2 in1#5 1.052E-16 C80 vdd!#1 gnd!#2 2.776E-16 C81 in1#1 vdd!#4 7.551E-17 C82 net33#3 in2#5 7.845E-18 C83 in2#1 gnd!#2 2.476E-17 C84 net33#2 in1#1 5.561E-17 C85 net12#2 in3#4 3.074E-17 C86 net33#3 in4#3 2.660E-17 C87 in2#1 vdd!#1 1.805E-17 C88 in4#1 in2#2 6.546E-17 C89 in3#5 in4#2 7.581E-18 C90 net12#2 in1#3 9.099E-18 C91 gnd!#2 net33#4 1.074E-16 C92 net12#4 vdd!#1 2.340E-17 C93 vdd!#1 ine#4 1.891E-16 C94 in2#1 net33#4 1.792E-17 C95 in3#1 out1#4 1.258E-16	C73	out1 net12#3	3.794E-17
C76 gndl#1 in4#1 1.428E-17 C77 net12#4 in4#4 3.074E-17 C78 net33#3 gndl#2 1.595E-16 C79 net33#2 in1#5 1.052E-16 C80 vddl#1 gndl#2 2.776E-16 C81 in1#1 vddl#4 7.551E-17 C82 net33#3 in2#5 7.845E-18 C83 in2#1 gndl#2 2.476E-17 C84 net33#2 in1#1 5.561E-17 C85 net12#2 in3#4 3.074E-17 C86 net33#3 in4#3 2.660E-17 C87 in2#1 vddl#1 1.805E-17 C88 in4#1 in2#2 6.546E-17 C89 in3#5 in4#2 7.581E-18 C90 net12#2 in1#3 9.099E-18 C91 gndl#2 net33#4 1.074E-16 C92 net12#4 vddl#1 2.340E-17 C93 vddl#1 in2#4 1.891E-16 C94 in2#1 net33#4 1.792E-17 C95 in3#1 out1#4 1.258E-16	C74	out1 gnd!#1	1.697E-17
C77 net12#4 in4#4 3.074E-17 C78 net33#3 gnd!#2 1.595E-16 C79 net33#2 in1#5 1.052E-16 C80 vdd!#1 gnd!#2 2.776E-16 C81 in1#1 vdd!#4 7.551E-17 C82 net33#3 in2#5 7.845E-18 C83 in2#1 gnd!#2 2.476E-17 C84 net33#2 in1#1 5.561E-17 C85 net12#2 in3#4 3.074E-17 C86 net33#3 in4#3 2.660E-17 C87 in2#1 vdd!#1 1.805E-17 C88 in4#1 in2#2 6.546E-17 C89 in3#5 in4#2 7.581E-18 C90 net12#2 in1#3 9.099E-18 C91 gnd!#2 net33#4 1.074E-16 C92 net12#4 vdd!#1 2.340E-17 C93 vdd!#1 in2#4 1.891E-16 C94 in2#1 net33#4 1.792E-17 C95 in3#1 out1#4 1.258E-16	C75	out1#1 in4#2	9.667E-17
C78 net33#3 gnd!#2 1.595E-16 C79 net33#2 in1#5 1.052E-16 C80 vdd!#1 gnd!#2 2.776E-16 C81 in1#1 vdd!#4 7.551E-17 C82 net33#3 in2#5 7.845E-18 C83 in2#1 gnd!#2 2.476E-17 C84 net33#2 in1#1 5.561E-17 C85 net12#2 in3#4 3.074E-17 C86 net33#3 in4#3 2.660E-17 C87 in2#1 vdd!#1 1.805E-17 C88 in4#1 in2#2 6.546E-17 C89 in3#5 in4#2 7.581E-18 C90 net12#2 in1#3 9.099E-18 C91 gnd!#2 net33#4 1.074E-16 C92 net12#4 vdd!#1 2.340E-17 C93 vdd!#1 in2#4 1.891E-16 C94 in2#1 net33#4 1.792E-17 C95 in3#1 out1#4 1.258E-16	C76	gnd!#1 in4#1	1.428E-17
C79 net33#2 in1#5 1.052E-16 C80 vdd!#1 gnd!#2 2.776E-16 C81 in1#1 vdd!#4 7.551E-17 C82 net33#3 in2#5 7.845E-18 C83 in2#1 gnd!#2 2.476E-17 C84 net33#2 in1#1 5.561E-17 C85 net12#2 in3#4 3.074E-17 C86 net33#3 in4#3 2.660E-17 C87 in2#1 vdd!#1 1.805E-17 C88 in4#1 in2#2 6.546E-17 C89 in3#5 in4#2 7.581E-18 C90 net12#2 in1#3 9.099E-18 C91 gnd!#2 net33#4 1.074E-16 C92 net12#4 vdd!#1 2.340E-17 C93 vdd!#1 in2#4 1.891E-16 C94 in2#1 net33#4 1.792E-17 C95 in3#1 out1#4 1.258E-16	C77	net12#4 in4#4	3.074E-17
C80 vdd!#1 gnd!#2 2.776E-16 C81 in1#1 vdd!#4 7.551E-17 C82 net33#3 in2#5 7.845E-18 C83 in2#1 gnd!#2 2.476E-17 C84 net33#2 in1#1 5.561E-17 C85 net12#2 in3#4 3.074E-17 C86 net33#3 in4#3 2.660E-17 C87 in2#1 vdd!#1 1.805E-17 C88 in4#1 in2#2 6.546E-17 C89 in3#5 in4#2 7.581E-18 C90 net12#2 in1#3 9.099E-18 C91 gnd!#2 net33#4 1.074E-16 C92 net12#4 vdd!#1 2.340E-17 C93 vdd!#1 in2#4 1.891E-16 C94 in2#1 net33#4 1.792E-17 C95 in3#1 out1#4 1.258E-16	C78	net33#3 gnd!#	2 1.595E-16
C81 in1#1 vdd!#4 7.551E-17 C82 net33#3 in2#5 7.845E-18 C83 in2#1 gnd!#2 2.476E-17 C84 net33#2 in1#1 5.561E-17 C85 net12#2 in3#4 3.074E-17 C86 net33#3 in4#3 2.660E-17 C87 in2#1 vdd!#1 1.805E-17 C88 in4#1 in2#2 6.546E-17 C89 in3#5 in4#2 7.581E-18 C90 net12#2 in1#3 9.099E-18 C91 gnd!#2 net33#4 1.074E-16 C92 net12#4 vdd!#1 2.340E-17 C93 vdd!#1 in2#4 1.891E-16 C94 in2#1 net33#4 1.792E-17 C95 in3#1 out1#4 1.258E-16	C79	net33#2 in1#5	1.052E-16
C82 net33#3 in2#5 7.845E-18 C83 in2#1 gnd!#2 2.476E-17 C84 net33#2 in1#1 5.561E-17 C85 net12#2 in3#4 3.074E-17 C86 net33#3 in4#3 2.660E-17 C87 in2#1 vdd!#1 1.805E-17 C88 in4#1 in2#2 6.546E-17 C89 in3#5 in4#2 7.581E-18 C90 net12#2 in1#3 9.099E-18 C91 gnd!#2 net33#4 1.074E-16 C92 net12#4 vdd!#1 2.340E-17 C93 vdd!#1 in2#4 1.891E-16 C94 in2#1 net33#4 1.792E-17 C95 in3#1 out1#4 1.258E-16	C80	vdd!#1 gnd!#	2 2.776E-16
C83 in2#1 gnd!#2 2.476E-17 C84 net33#2 in1#1 5.561E-17 C85 net12#2 in3#4 3.074E-17 C86 net33#3 in4#3 2.660E-17 C87 in2#1 vdd!#1 1.805E-17 C88 in4#1 in2#2 6.546E-17 C89 in3#5 in4#2 7.581E-18 C90 net12#2 in1#3 9.099E-18 C91 gnd!#2 net33#4 1.074E-16 C92 net12#4 vdd!#1 2.340E-17 C93 vdd!#1 in2#4 1.891E-16 C94 in2#1 net33#4 1.792E-17 C95 in3#1 out1#4 1.258E-16	C81	in1#1 vdd!#4	7.551E-17
C84 net33#2 in1#1 5.561E-17 C85 net12#2 in3#4 3.074E-17 C86 net33#3 in4#3 2.660E-17 C87 in2#1 vdd!#1 1.805E-17 C88 in4#1 in2#2 6.546E-17 C89 in3#5 in4#2 7.581E-18 C90 net12#2 in1#3 9.099E-18 C91 gnd!#2 net33#4 1.074E-16 C92 net12#4 vdd!#1 2.340E-17 C93 vdd!#1 in2#4 1.891E-16 C94 in2#1 net33#4 1.792E-17 C95 in3#1 out1#4 1.258E-16	C82	net33#3 in2#5	7.845E-18
C85 net12#2 in3#4 3.074E-17 C86 net33#3 in4#3 2.660E-17 C87 in2#1 vdd!#1 1.805E-17 C88 in4#1 in2#2 6.546E-17 C89 in3#5 in4#2 7.581E-18 C90 net12#2 in1#3 9.099E-18 C91 gnd!#2 net33#4 1.074E-16 C92 net12#4 vdd!#1 2.340E-17 C93 vdd!#1 in2#4 1.891E-16 C94 in2#1 net33#4 1.792E-17 C95 in3#1 out1#4 1.258E-16	C83	in2#1 gnd!#2	2.476E-17
C86 net33#3 in4#3 2.660E-17 C87 in2#1 vdd!#1 1.805E-17 C88 in4#1 in2#2 6.546E-17 C89 in3#5 in4#2 7.581E-18 C90 net12#2 in1#3 9.099E-18 C91 gnd!#2 net33#4 1.074E-16 C92 net12#4 vdd!#1 2.340E-17 C93 vdd!#1 in2#4 1.891E-16 C94 in2#1 net33#4 1.792E-17 C95 in3#1 out1#4 1.258E-16	C84	net33#2 in1#1	5.561E-17
C87 in2#1 vdd!#1 1.805E-17 C88 in4#1 in2#2 6.546E-17 C89 in3#5 in4#2 7.581E-18 C90 net12#2 in1#3 9.099E-18 C91 gnd!#2 net33#4 1.074E-16 C92 net12#4 vdd!#1 2.340E-17 C93 vdd!#1 in2#4 1.891E-16 C94 in2#1 net33#4 1.792E-17 C95 in3#1 out1#4 1.258E-16	C85	net12#2 in3#4	3.074E-17
C88 in4#1 in2#2 6.546E-17 C89 in3#5 in4#2 7.581E-18 C90 net12#2 in1#3 9.099E-18 C91 gnd!#2 net33#4 1.074E-16 C92 net12#4 vdd!#1 2.340E-17 C93 vdd!#1 in2#4 1.891E-16 C94 in2#1 net33#4 1.792E-17 C95 in3#1 out1#4 1.258E-16	C86	net33#3 in4#3	2.660E-17
C89 in3#5 in4#2 7.581E-18 C90 net12#2 in1#3 9.099E-18 C91 gnd!#2 net33#4 1.074E-16 C92 net12#4 vdd!#1 2.340E-17 C93 vdd!#1 in2#4 1.891E-16 C94 in2#1 net33#4 1.792E-17 C95 in3#1 out1#4 1.258E-16	C87	in2#1 vdd!#1	1.805E-17
C90 net12#2 in1#3 9.099E-18 C91 gnd!#2 net33#4 1.074E-16 C92 net12#4 vdd!#1 2.340E-17 C93 vdd!#1 in2#4 1.891E-16 C94 in2#1 net33#4 1.792E-17 C95 in3#1 out1#4 1.258E-16	C88	in4#1 in2#2 6.546	E-17
C91 gnd!#2 net33#4 1.074E-16 C92 net12#4 vdd!#1 2.340E-17 C93 vdd!#1 in2#4 1.891E-16 C94 in2#1 net33#4 1.792E-17 C95 in3#1 out1#4 1.258E-16	C89	in3#5 in4#2 7.581	E-18
C92 net12#4 vdd!#1 2.340E-17 C93 vdd!#1 in2#4 1.891E-16 C94 in2#1 net33#4 1.792E-17 C95 in3#1 out1#4 1.258E-16	C90	net12#2 in1#3	9.099E-18
C93 vdd!#1 in2#4 1.891E-16 C94 in2#1 net33#4 1.792E-17 C95 in3#1 out1#4 1.258E-16	C91	gnd!#2 net33	3#4 1.074E-16
C94 in2#1 net33#4 1.792E-17 C95 in3#1 out1#4 1.258E-16	C92	net12#4 vdd!	2.340E-17
C95 in3#1 out1#4 1.258E-16	C93	vdd!#1 in2#4	1.891E-16
	C94	in2#1 net33#4	1.792E-17
C96 net33#3 gnd!#1 1.710E-16	C95	in3#1 out1#4	1.258E-16
U	C96	net33#3 gnd!#	1.710E-16

C97	in4#2 in2#2	1.055	E-17			
C98	vdd!#2	in2#4	6.208	E-17		
C99	net12#4	vdd!#	2	7.522E-17		
C100	net33#3	in2#2	3.358	E-18		
C101	net33#4	vdd!#:	1	1.553E-17		
C102	net12#3	in2#4	1.503	E-16		
C103	out1#1	gnd!#	2	5.693E-17		
C104	net12#3	in4#2	4.496	E-17		
C105	vdd!#2	in4#4	6.617	E-17		
C106	net12#3	vdd!#:	1	1.513E-16		
C107	in2#1 in4#1	2.731	E-17			
C108	in1#4 in3#1	1.293	E-16			
C109	net12#3	in4#4	1.541	E-16		
C110	vdd!#4	in1#2	3.738	E-17		
C111	in4#5 in2#2	2.440	E-17			
C112	net33#2	in1#2	2.455	E-17		
C113	out1#3	in4#4	1.536	E-16		
C114	net12#3	vdd!#	2	6.730E-17		
C115	gnd!#1	in4#2	1.364	E-17		
C116	in4#5 net12	2#3	5.079	E-17		
C117	out1#3	in3#5	5.337	E-17		
C118	net12#4	out1#	3	9.753E-17		
C119	net12 in1#4	3.800	E-17			
C120	in4 out1#	†3	5.900	E-17		
C121	net21 gnd!#	1	7.042	E-17		
C122	in3 in1#1	1.021	E-16			
C123	in3 net12	1.740F	E-16			
C124	net33 out1#	†1	2.778	E-17		
C125	in4 net21	. 2.049 F	E-17			
C126	out1 net33	8.383F	E-17			
C127	net12 in3#5	4.566F	E-17			
C128	in3 vdd!	2.195F	E-16			
C129	in4 out1#	†1	1.183	E-16		
C130	gnd!#2	net21	6.876	E-17		
C131	in4 in2#2	6.462	E-18			
C132	out1 net21	. 4.387I	E-17		 	
			_		 	

C133 in3 out1#3	4.549E-17
C134 in4 gnd!#2	2.614E-16
C135 net12 vdd! 5.808	
C136 net21 in3#5 9.037	'E-18
C137 in1 in3 1.377	'E-15
C138 out1 net125.033	BE-17
C139 net33 net21 5.964	IE-17
C140 net21 in4#2 9.839	DE-18
C141 net12 in3#4 1.584	-
C142 net33 in1#1 7.174	IE-18
C143 in4 in2 1.307	'E-15
C144 in4 vdd!#2	2.217E-16
C145 net21 out1#1	9.546E-17
C146 in1 net33 9.817	'E-17
C147 net33 gnd!#2	
C148 in3 out1#4	1.100E-16
C149 net33 in3#6 3.430	DE-17
C150 vdd!#4 net12	2 1.743E-16
C151 out1#4 net21	L 6.641E-17
C152 net12 in1#3 1.322	PE-16
C153 in3 vdd!#4	6.475E-17
C154 in1 net125.486	SE-17
C155 in3 gnd!#2	3.420E-17
C156 in4 net33#3	1.301E-16
C157 in3 out1#1	1.096E-16
C158 net21 in4#3 8.369	DE-17
C159 in3 out1 1.212	PE-15
C160 net33 in1#5 2.968	BE-17
C161 in4 net12#3	1.484E-16
C162 in3 net33#2	2.141E-17
C163 in3 net12#2	8.485E-17
C164 in4 in2#1 9.613	BE-17
C165 net33 in3 1.080	DE-16
C166 out1 in4 1.298	BE-15
C167 net33#3 net21	L 8.571E-17
C168 net33 out1#4	1.575E-16

C169 net12 out1#	3 1.600E-16			
C170 in4 gnd!#	1 7.395E-17			
C171 net21 in3#6	8.228E-17			
C172 in3#1 net12 8.517E-17				
C173 in3 net21	1.504E-17			
C174 in4 net12	#4 1.058E-16			
C175 in1#4 in3#5	5.019E-18			
C176 in1#5 in3#6	5.151E-18			
C177 in3 in1#2	5.305E-18			
C178 out1#1	in1#4 4.625E-18			
C179 vdd! gnd!	1.602E-15			
C180 in1 gnd!	6.260E-16			
C181 in2 gnd!	8.323E-17			
C182 in3 gnd!				
C183 in4 gnd!				
C184 out1 gnd!				
C185 net33 gnd!				
C186 net21 gnd!	2.064E-17			
C187 in2#4 gnd!	5.827E-16			
C188 in4#4 gnd!	6.133E-16			
C189 in3#4 gnd!	6.103E-16			
C190 in1#3 gnd!	5.807E-16			
C191 in2#5 gnd!	2.443E-18			
C192 in4#3 gnd!	8.364E-18			
C193 in3#6 gnd!	8.554E-17			
C194 in1#5 gnd!	7.960E-17			
C195 in2#2 gnd!	4.678E-16			
C196 in4#1 gnd!	1.988E-16			
C197 in3#1 gnd!	2.583E-16			
C198 in1#2 gnd!	2.896E-16			
C199 net33#3	•			
C200 in2#1 gnd!				
C201 in4#5 gnd!	5.775E-20			
C202 out1#1	gnd! 7.290E-17			
C203 in1#1 gnd!	2.493E-17			
C204 vdd!#1	gnd! 1.738E-15			

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Name:			
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