

Designer:

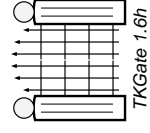
Site: Earth

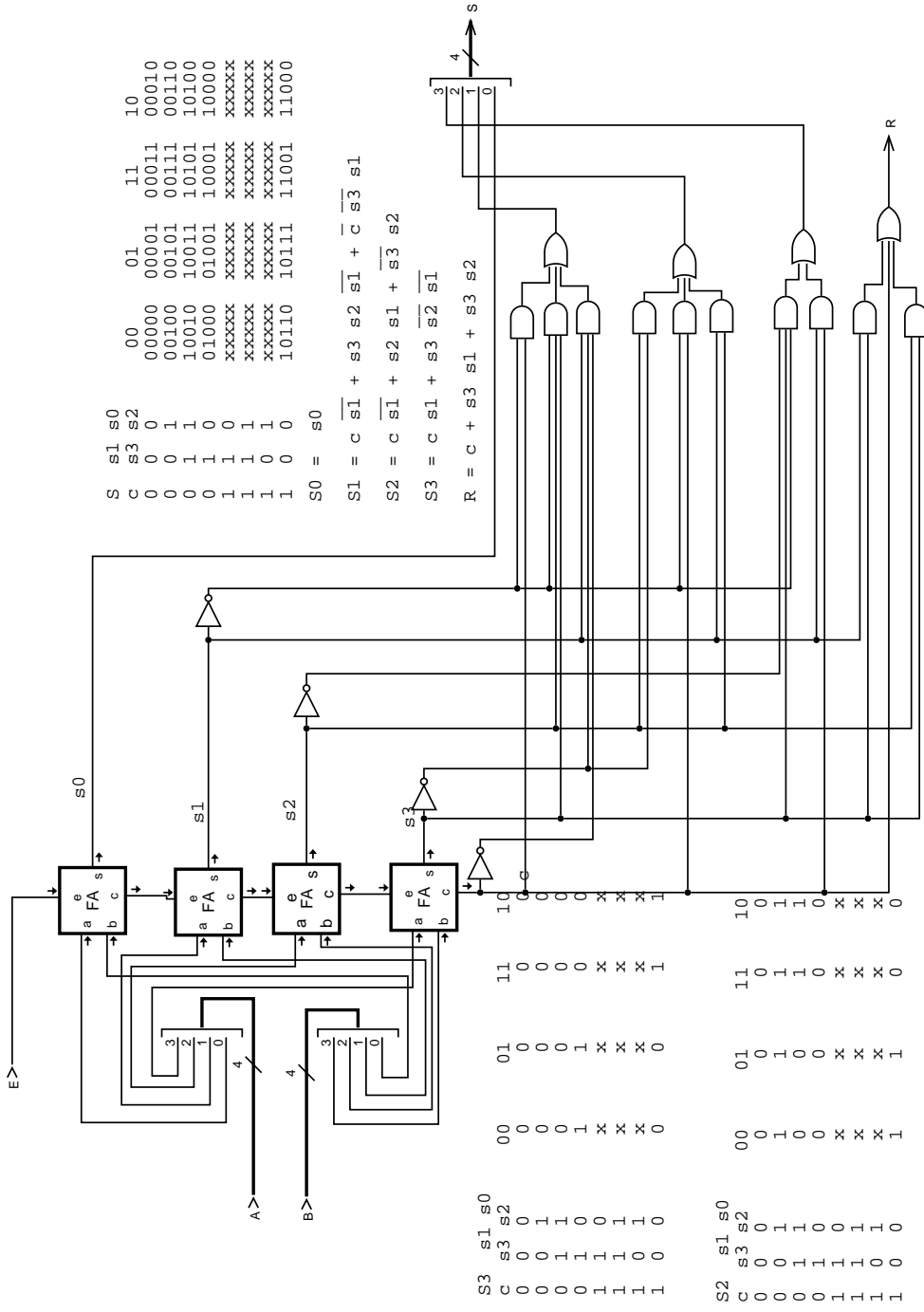
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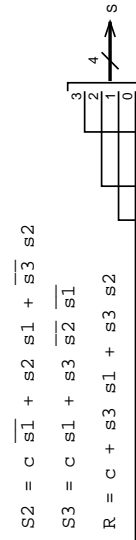
Module: ADDITION





S	s1	s0
0	0	0
0	0	1
0	1	1
0	1	0
1	1	0
1	1	1
1	0	1
1	0	0

$S0 = s0$
 $S1 = c \overline{s1} + s3 s2 \overline{s1} + \overline{c} s3 s1$
 $S2 = c \overline{s1} + s2 s1 + s3 s2$
 $S3 = c s1 + s3 s2 s1$



S3	s1	s0
0	0	0
0	0	1
0	1	1
0	1	0
1	1	0
1	1	1
1	0	1
1	0	0

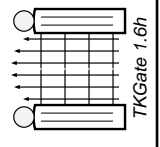
S2	s1	s0
0	0	0
0	0	1
0	1	1
0	1	0
1	1	0
1	1	1
1	0	1
1	0	0

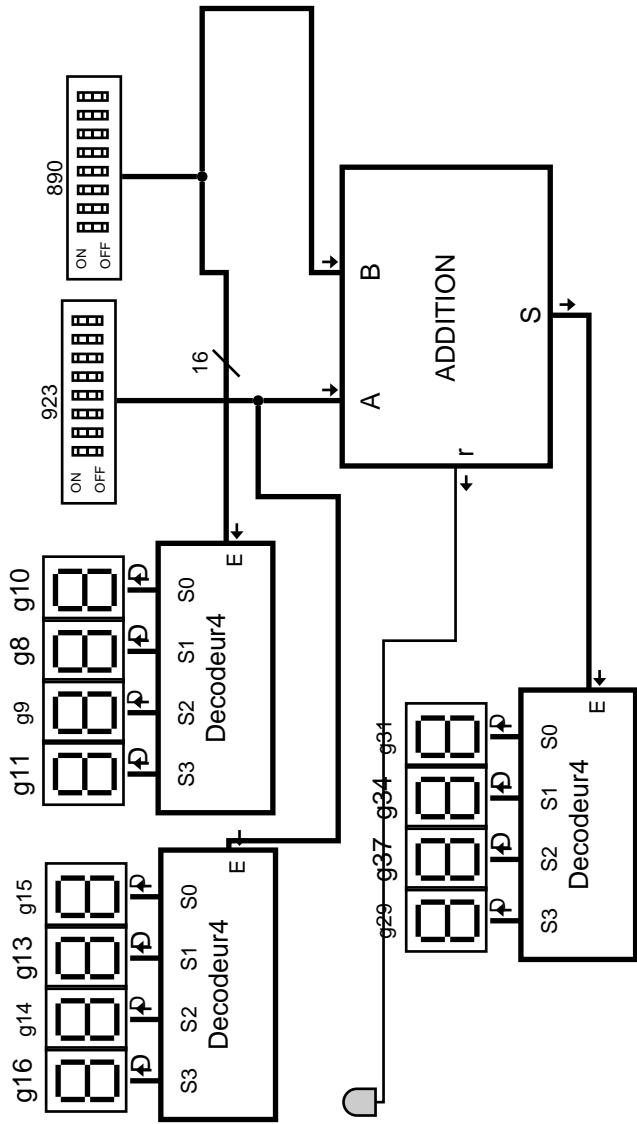
R	s1	s0
0	0	0
0	0	1
0	1	1
0	1	0
1	1	0
1	1	1
1	0	1
1	0	0

S1	s1	s0
0	0	0
0	0	1
0	1	1
0	1	0
1	1	0
1	1	1
1	0	1
1	0	0

S0	s1	s0
0	0	0
0	0	1
0	1	1
0	1	0
1	1	0
1	1	1
1	0	1
1	0	0

c	s3	s2
0	0	0
0	0	1
0	1	1
0	1	0
1	1	0
1	1	1
1	0	1
1	0	0

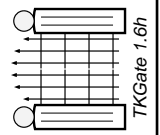




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```

10 0 32 00 01 11 10
00 1 0 1 1
01 0 1 1 1
10 1 1 1 1
11 1 1 1 1

10 1 32 00 01 11 10
00 1 0 0 1
01 1 1 1 1
10 1 1 1 1
11 1 1 1 1

10 2 32 00 01 11 10
00 1 1 1 1
01 1 0 1 0
10 0 0 0 0
11 0 0 0 0

10 3 32 00 01 11 10
00 1 0 1 1
01 1 1 0 1
10 1 1 1 1
11 1 1 1 1

10 4 32 00 01 11 10
00 1 0 0 1
01 0 0 0 1
10 1 1 1 1
11 1 1 1 1

10 5 32 00 01 11 10
00 1 1 1 0
01 1 1 1 1
10 1 1 1 1
11 0 0 0 0

10 6 32 00 01 11 10
00 1 0 1 1
01 0 1 0 1
10 1 1 1 1
11 1 1 1 1

```

$$0 = 1 + 3 + 2 \cdot 0 + 2 \cdot 0$$

$$1 = 3 + 2 \cdot 1 + 1 \cdot 0 + 2 \cdot 0$$

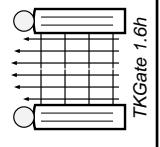
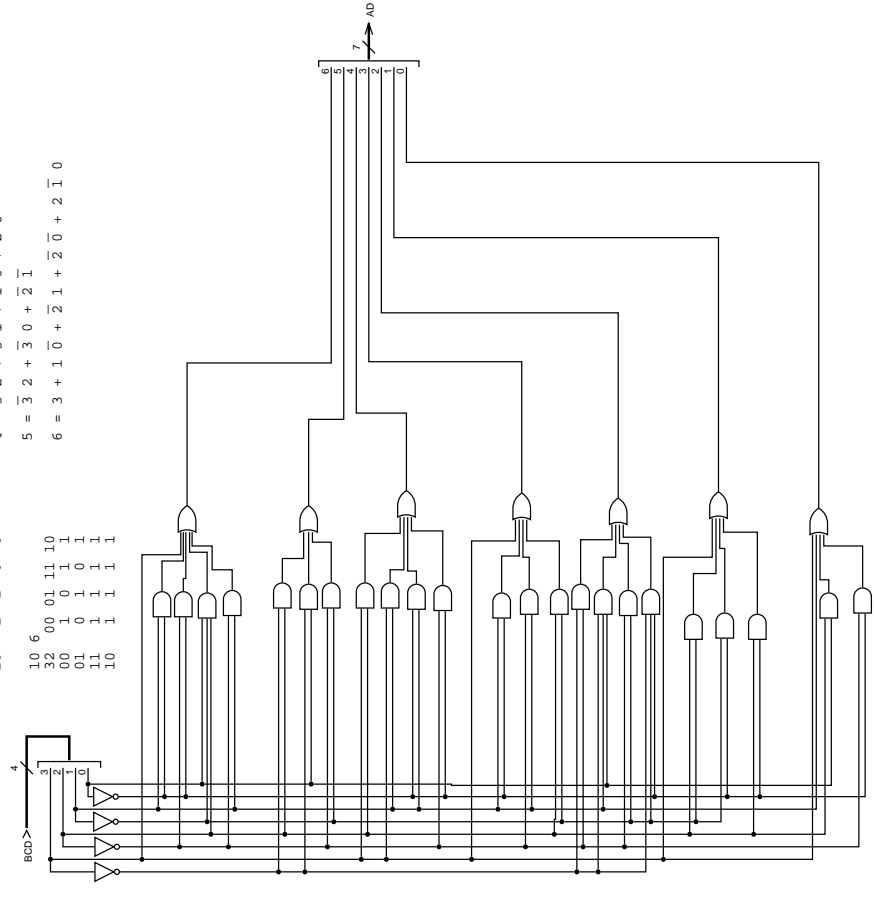
$$2 = 3 \cdot 2 + 3 \cdot 1 + 2 \cdot 1 + 3 \cdot 1 \cdot 0$$

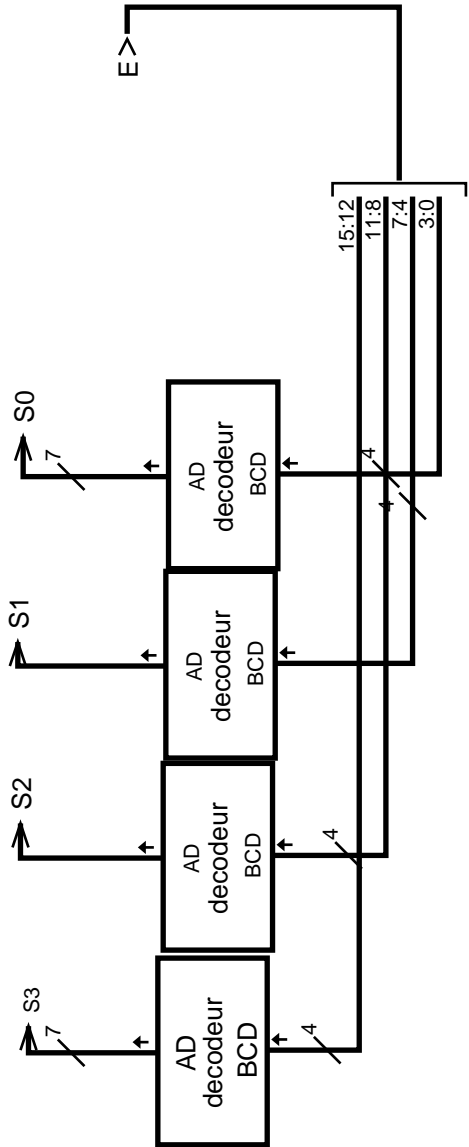
$$3 = 3 + 2 \cdot 1 + 2 \cdot 1 + 1 \cdot 0$$

$$4 = 3 \cdot 2 + 3 \cdot 1 + 1 \cdot 0 + 2 \cdot 0$$

$$5 = 3 \cdot 2 + 3 \cdot 0 + 2 \cdot 1$$

$$6 = 3 + 1 \cdot 0 + 2 \cdot 1 + 2 \cdot 0 + 2 \cdot 1 \cdot 0$$

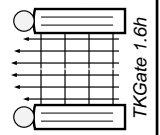




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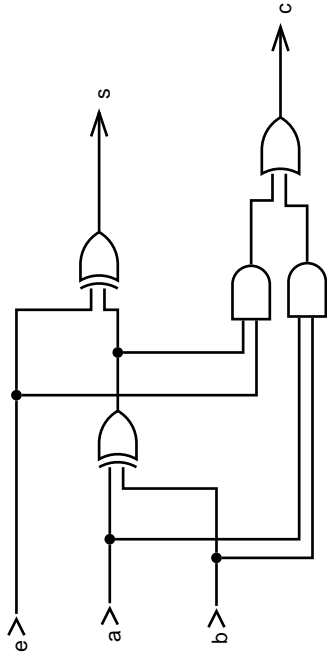
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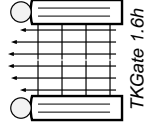
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