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Multiplicador

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A_1	A_0	B_1	B_0	S_3	S_2	S_1	S_0	N
0	0	0	0	0	0	0	0	0
0	0	0	1	0	0	0	0	1
0	0	1	0	0	0	0	0	2
0	0	1	1	0	0	0	0	3
0	1	0	0	0	0	0	0	4
0	1	0	1	0	0	0	0	5
0	1	1	0	0	0	0	1	6
0	1	1	1	0	0	1	1	7
1	0	0	0	0	0	0	0	8
1	0	0	1	0	0	1	0	9
1	0	1	0	0	1	0	0	10
1	0	1	1	0	1	0	1	11
1	1	0	0	0	0	0	0	12
1	1	0	1	0	0	1	1	13
1	1	1	0	0	1	1	0	14
1	1	1	1	1	0	0	1	15

A_1	A_0	B_1	B_0	S_3	S_2	S_1	S_0
0	0	0	0	0	0	1	1
0	0	0	1	0	0	0	0
0	1	0	0	1	0	0	0
1	0	0	1	0	1	0	0
1	0	1	0	0	1	0	0
1	1	0	0	1	1	0	0
1	1	1	0	0	0	1	1
1	1	1	1	1	0	0	1

$M_5 M_7 M_{13} M_{15}$

$M_{103} M_{105} M_{103} M_{105}$

$S_0: A_0 B_0$

A_1	A_0	B_1	B_0	S_3	S_2	S_1	S_0
0	0	0	1	1	1	1	0
0	0	0	0	0	0	0	0
0	1	0	0	0	0	0	0
1	0	0	0	0	0	0	0
1	1	0	1	1	1	1	0
1	1	1	0	0	0	0	0
1	1	1	1	1	1	1	1

$S_3: M_{15} \Rightarrow m_{1111} \Rightarrow A_0 A_1 B_0 B_1$

$S_2:$

A_1	A_0	B_1	B_0	S_3	S_2	S_1	S_0
0	0	0	1	1	1	1	0
0	0	0	0	0	0	0	0
0	1	0	0	0	0	0	0
1	0	0	0	0	0	0	0
1	1	0	1	1	1	1	0
1	1	1	0	0	0	0	0
1	1	1	1	1	1	1	1

$M_{10} M_{13} + M_{10} M_{15}$

$M_{103} M_{105} + M_{103} M_{105}$

$S_2: A_1 A'_0 B_1 + A_0 B_1 B'_0$

$S_1:$

A_1	A_0	B_1	B_0	S_3	S_2	S_1	S_0
0	0	0	1	1	1	1	0
0	0	0	0	0	0	0	0
0	1	0	0	0	0	0	0
1	0	0	0	0	0	0	0
1	1	0	1	1	1	1	0
1	1	1	0	0	0	0	0
1	1	1	1	1	1	1	1

$M_9 M_{13} + M_9 M_{15} + M_6 M_7 + M_6 M_{14}$

$M_{103} M_{105} + M_{103} M_{105} + M_{103} M_{105} + M_{103} M_{105}$

$S_1: A_1 B'_0 B_0 + A_1 A'_0 B_0 + A'_1 A_0 B_1 + A_0 B_1 B'_0$

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$$S_3: A_0 A_1 B_0 B_1$$

$$S_2: A_1 A'_0 B_1 + A_1 B_1 B'_0$$

$$S_1: A_0 B'_1 B_0 + A_1 A'_0 B_0 + A'_1 A_0 B_1 + A_0 B_1 B'_0$$

$$S_0: A_0 B_0$$

