

Sheet1

	16	8	4	2	1	MIN TERMOS				
#	A	B	C	D	E					
4	0	0	1	0	0	\tilde{A}	\tilde{B}	C	\tilde{D}	\tilde{E}
5	0	0	1	0	1	\tilde{A}	\tilde{B}	C	\tilde{D}	E
8	0	1	0	0	0	\tilde{A}	B	\tilde{C}	\tilde{D}	\tilde{E}
10	0	1	0	1	0	\tilde{A}	B	\tilde{C}	D	\tilde{E}
16	1	0	0	0	0	A	\tilde{B}	\tilde{C}	\tilde{D}	\tilde{E}
18	1	0	0	1	0	A	\tilde{B}	\tilde{C}	D	\tilde{E}
21	1	0	1	0	1	A	\tilde{B}	C	\tilde{D}	E
24	1	1	0	0	0	A	B	\tilde{C}	\tilde{D}	\tilde{E}
26	1	1	0	1	0	A	B	\tilde{C}	D	\tilde{E}
27	1	1	0	1	1	A	B	\tilde{C}	D	E
30	1	1	1	1	0	A	B	C	D	\tilde{E}
31	1	1	1	1	1	A	B	C	D	\tilde{E}

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A=0				
BC				
	0	4	12	8
DE	1	5	13	9
	3	7	15	11
	2	6	14	10

A=1				
BC				
	16	20	28	24
DE	17	21	29	25
	19	23	31	27
	18	22	30	26

RODADA1

A=0				
BC				
	00	01	11	10
DE	00	1		1
	01	1		
	11			
	10			1

A=1				
BC				
	00	01	11	10
DE	00	1		1
	01	1		
	11		1	1
	10	1	1	1

MIN TERMOS				
1	$\tilde{A}\tilde{B}\tilde{C}\tilde{D}$	OK		
2	$\tilde{A}\tilde{B}\tilde{C}E$			
3	ABD	OK		
4	$A\tilde{B}\tilde{C}\tilde{E}$			
5	$A\tilde{C}\tilde{D}\tilde{E}$			
6	$\tilde{B}\tilde{C}\tilde{D}E$	OK		

RODADA2

A=0				
BC				
	00	01	11	10
DE	00			
	01			
	11			
	10			

A=1				
BC				
	00	01	11	10
DE	00	1		1
	01			
	11			
	10	1		1

MIN TERMOS				
1	$\tilde{A}\tilde{B}\tilde{C}\tilde{D}$	OK		
2	$\tilde{A}\tilde{B}\tilde{C}E$			
3	ABD	OK		
4	$A\tilde{B}\tilde{C}\tilde{E}$			
5	$A\tilde{C}\tilde{E}$	OK		
6	$\tilde{B}\tilde{C}\tilde{D}E$	OK		

RODADA3

A=0				
BC				
	00	01	11	10
DE	00			1
	01			
	11			
	10			1

A=1				
BC				
	00	01	11	10
DE	00			1
	01			
	11			
	10			1

MIN TERMOS (FINAL)				
1	$\tilde{A}\tilde{B}\tilde{C}\tilde{D}$	OK		
2	$\tilde{B}\tilde{C}\tilde{D}E$	OK		
3	ABD	OK		
4	$A\tilde{C}\tilde{E}$	OK		
5	$\tilde{B}\tilde{C}\tilde{D}E$	OK		

$$f(A,B,C,D,E) = \tilde{A}\tilde{B}\tilde{C}\tilde{D} + B\tilde{C}\tilde{E} + A.B.D + A\tilde{C}\tilde{E} + \tilde{B}\tilde{C}\tilde{D}E$$