

A ₁	A ₀	B ₁	B ₀	L	E	G
0	0	0	0	0	1	0
0	0	0	1	1	0	0
0	0	1	0	1	0	0
0	0	1	1	1	0	0
0	1	0	0	0	0	1
0	1	0	1	0	1	0
0	1	1	0	1	0	0
0	1	1	1	1	0	0
1	0	0	0	0	0	1
1	0	0	1	0	0	1
1	0	1	0	0	1	0
1	0	1	1	1	0	0
1	1	0	0	0	0	1
1	1	0	1	0	0	1
1	1	1	0	0	0	1
1	1	1	1	0	1	0

AB \ CD	00	01	11	10
00	0	1	1	1
01	0	0	1	1
11	0	0	0	0
10	0	0	1	0

$$L = B'CD + A'B'D + A'C$$

AB \ CD	00	01	11	10
00	1	0	0	0
01	0	1	0	0
11	0	0	1	0
10	0	0	0	1

$$E = A'B'C'D' + A'BC'D + ABCD + AB'C'D'$$

AB \ CD	00	01	11	10
00	0	0	0	0
10	1	0	0	0
11	1	1	0	1
10	1	1	0	0

$$G = BC'D' + ABD' + AC'$$

