

1205052

(4)

$$f(A, B, C, D) = \Sigma (0, 2, 5, 6, 8, 14, 15)$$

inputs				outputs
A	B	C	D	f
0	0	0	0	1
0	0	0	1	0
0	0	1	0	1
0	0	1	1	0
0	1	0	0	0
0	1	0	1	1
0	1	1	0	1
0	1	1	1	0
1	0	0	0	1
1	0	0	1	0
1	0	1	0	0
1	0	1	1	0
1	1	0	0	0
1	1	0	1	0
1	1	1	0	1
1	1	1	1	1

$$I_0 = C'$$

A \ C	0	1
0	1	0
1	0	0

$$I_1 = A \oplus A' C$$

A \ C	0	1
0	0	1
1	1	0

$$I_2 = A' C'$$

A \ C	0	1
0	1	0
1	0	0

$$I_3 = A$$

A \ C	0	1
0	0	0
1	1	1