

+1.5

bCJ

5 cd

-0.5 for surplus EPI

-2 for missed PIs

$$(\overline{c}+\overline{d})$$
 $(\overline{c}+\overline{d})$

NAND-NAND -5 NAND NAND

OR-AND-INV rilo a, U POS CJOON 1 F COLX f(a,b,cd)=TM(0,1, 4,5,6,9,14,).0(3,15) $\rightarrow (a+c).(b+c+d).(\overline{b}+\overline{c}+d)$ +5

(3 (2,3,10,11) (1,8) U2,3) 1 12 (2,10,3,11) (8,1) 1(2,70) 8 18 (8,70)2 13 (3, 7, 17, 15) (4, 8))(8, 12) 4 40 (3,77,7,75) (8,4) J(3,7) 4 +8 12 (3,11) 8 17 GPI (no, 11) 1 V12 (a+b+d) 13 8,70 (12, 13) 1 15 (a+c+d) 8,72 47,15) 8 +5 (a+6+c) V(11, 15) + 12,73 -1 (a+b+c) (13, 15/2 73,75 (b+c) 2,3,70,17 (c+d) 3,7,17,15 (a+ b+d) (atctd) (a+b+c) (à + 5+ c) 16+2) +6 (C+J) $f = (b+\bar{c})(\bar{c}+\bar{d})(\bar{a}+\bar{b}+c)(\bar{a}+c+d)$