

$$F(a,b,c,d) = \sum m(0,1,4,9,14,15) \cdot D(6) \quad ; \text{SOP}$$

0	(0,1) 1		6PI
1	(0,4) 4		$\bar{a}\bar{b}\bar{c}$
4	(1,9) 8		$\bar{a}\bar{c}\bar{d}$
9	(4,6) 2		$\bar{b}\bar{c}d$
+8 6	(6,14) 8		$\bar{a}b\bar{d}$
14	(14,15) 1		bcd
15			abc

+7

	0	1	4	9	14	15
$\bar{a}\bar{b}\bar{c}$	x	x				
$\bar{a}\bar{c}\bar{d}$	x		x			
$\bar{b}\bar{c}d$			x		x	
$\bar{a}b\bar{d}$				x		
bcd					x	
abc					x	x
	0	✓	0	✓	✓	✓

+2

$$F(a,b,c,d) = abc + \bar{b}\bar{c}d + \bar{a}\bar{c}\bar{d} \quad ; \text{SOP}$$

