Alt = 1
Tck = 0

A	B	C	D	F	
0	0	0	0	1 → a'b'c'd	m_0
0	0	0	1	0	m_1
0	0	1	0	0	m_2
0	0	1	1	1 → a'b'cd	m_3
0	1	0	0	0	m_4
0	1	0	1	1 → a'bc'd	m_5
0	1	1	0	1 → a'bcd'	m_6
0	1	1	1	0	m_7
1	0	0	0	0	m_8
1	0	0	1	1 → ab'c'd	m_9
1	0	1	0	1 → ab'cd'	m_{10}
1	0	1	1	0	m_{11}
1	1	0	0	1 → abc'd'	m_{12}
1	1	0	1	0	m_{13}
1	1	1	0	0	m_{14}
1	1	1	1	1 → abcd	m_{15}

Sum of minterms $\Sigma(0,3,5,6,9,10,12,15)$

Product of maxterm $\pi(1,2,4,7,8,11,13,14)$

$F = a'b'c'd + a'b'cd + a'bc'd + a'bcd' + ab'c'd +$

$ab'cd' + abc'd' + abcd$

$F = a'b'(c'd + cd) + c'd(a'b + ab') + cd'(a'b + ab')$

$+ ab(c'd' + cd)$

F