

Simplify the Boolean function $F(A, B, C, D) = \Sigma (0, 1, 2, 3, 5, 7, 8, 10, 13, 15)$ using K-map and draw logic diagram for minimized expression..

		C'D'	C'D	CD	CD'
		00	01	11	10
A'B'	00	1	1	1	1
AB'	01		1	1	
AB	11		1	1	
AB'	10	1			1

All purple circles forms one Quad

Minimized Expression $F(A, B, C, D) = A'B' + AD + B'D'$

