

۹۹۳۱۰۳۰

اسکان شکیبا

پیش گزارش آزمائش ۳

$$f(A, B, C) = (A' + B + C)(A + C)(A + B)$$

| AB \ C | 00 | 01 | 11 | 10 |
|--------|----|----|----|----|
| 0 | 0 | 0 | 1 | 0 |
| 1 | 0 | 1 | 1 | 1 |

$$\Rightarrow f = BC + AB + AC$$

 ~~$f = (A+B+C)(A+B)(A+C)$~~

$$f(a, b, c, d) = \sum (1, 3, 4, 5, 6, 9, 11, 12, 13) + d(0, 7)$$

| ab \ cd | 00 | 01 | 11 | 10 |
|---------|----|----|----|----|
| 00 | DC | 1 | 1 | 0 |
| 01 | 1 | 1 | 0 | 1 |
| 11 | 1 | DC | 0 | 1 |
| 10 | 0 | 1 | 1 | 0 |

$$\Rightarrow f = a'b + bd' + b'd$$

 ~~$f = (a+b)(a+d)(b+d)$~~

DC: Don't Care