

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

$$y = \bar{A}D + A\bar{C}D + A\bar{B}D$$