

# Assignment 6

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## 1 Boolean Expression

The Boolean expression of  $f = A\bar{B}\bar{C}\bar{D} + \bar{A}B\bar{C}\bar{D} + ABC\bar{D} + ABCD$

## 2 Kmap Expression

$$f = AB\bar{D} + B\bar{C}\bar{D} + A\bar{C}\bar{D}$$

### 2.1 COMBINATIONAL CIRCUIT

