

# Assignment 6

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## 1 Boolean Expression

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

## 2 Kmap Expression

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

### 2.1 COMBINATIONAL CIRCUIT

