

Lab 3

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1 Implementing a Boolean function

Implement a digital logic system that satisfies the following:

- $F(W, X, Y, Z) = \sum m(1, 4, 5, 11, 12, 14, 15)$
- Note: $\sum md(2, 3, 7, 9)$ (don't cares)

Hints:

- Use a Karnaugh-map
- Try to find the lowest *Literal Count*