

# Digital Electronics



*This part assume you went trough the Electronics Basics*

 *Fill the sections*

## Digital Origins

Introduction

### 1. Binary Signals

[https://en.wikipedia.org/wiki/Differential\\_TTL](https://en.wikipedia.org/wiki/Differential_TTL)

### 2. Logics

**Logic Gates**

[https://en.wikipedia.org/wiki/Logic\\_gate](https://en.wikipedia.org/wiki/Logic_gate)

**Truth Tables, Karnaugh Map**

[https://en.wikipedia.org/wiki/Truth\\_table](https://en.wikipedia.org/wiki/Truth_table)

[https://en.wikipedia.org/wiki/Karnaugh\\_map](https://en.wikipedia.org/wiki/Karnaugh_map)

### 3. Multiplexing and Serial chaining

## 4. UART, I2C , SPI

## 5. Analog>Digital and Digital>Analog Conversions

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