

# Digital Electronics



*This part assume you went trough the Electronics Basics*

## Digital Origins

Introduction

### 1. Binary Signals

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

### 2. Logic Gates

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

### 3. 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)

### 4. Multiplexing and Serial chaining

### 5. I2C , SPI, UART Protocols

## 6. Converting in Digital

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