

# 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. Logics

#### Logic Gates

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

#### Truth Tables, Karnaugh Map

- [Wikipedia Truth tables](#)
- [Wikipedia Karnaugh Maps](#)

### 3. Multiplexing, Buses and Serial chaining

- [Wikipedia Multiplexing](#)

## 4. I2C , SPI

- [Wikipedia SPI](#)
- [Wikipedia IIC](#)

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

- [Wikipedia DAC](#)
- [Wikipedia ADC](#)

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Last update: **2016/07/22 15:35**

