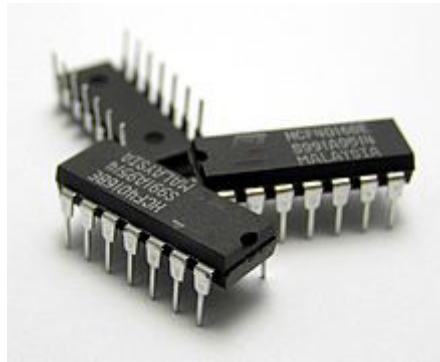


# Digital Electronics



*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**

[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. I2C , SPI, UART Protocols

## 5. Conversion Analog>Digital and Digital>Analog

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Last update: **2016/06/06 02:29**

