

# Switch

## Introduction

A switch is a small lever or button. It's an electrical device having at least **two states**, ON (the closed state) or OFF (the open state).

Ideally, a switch device has zero impedance when closed and infinite impedance when open. The switches on the back of printers and on expansion boards are called DIP switches.

A switch that has just two positions is called a toggle switch. A “click switch” is called SPST switch.

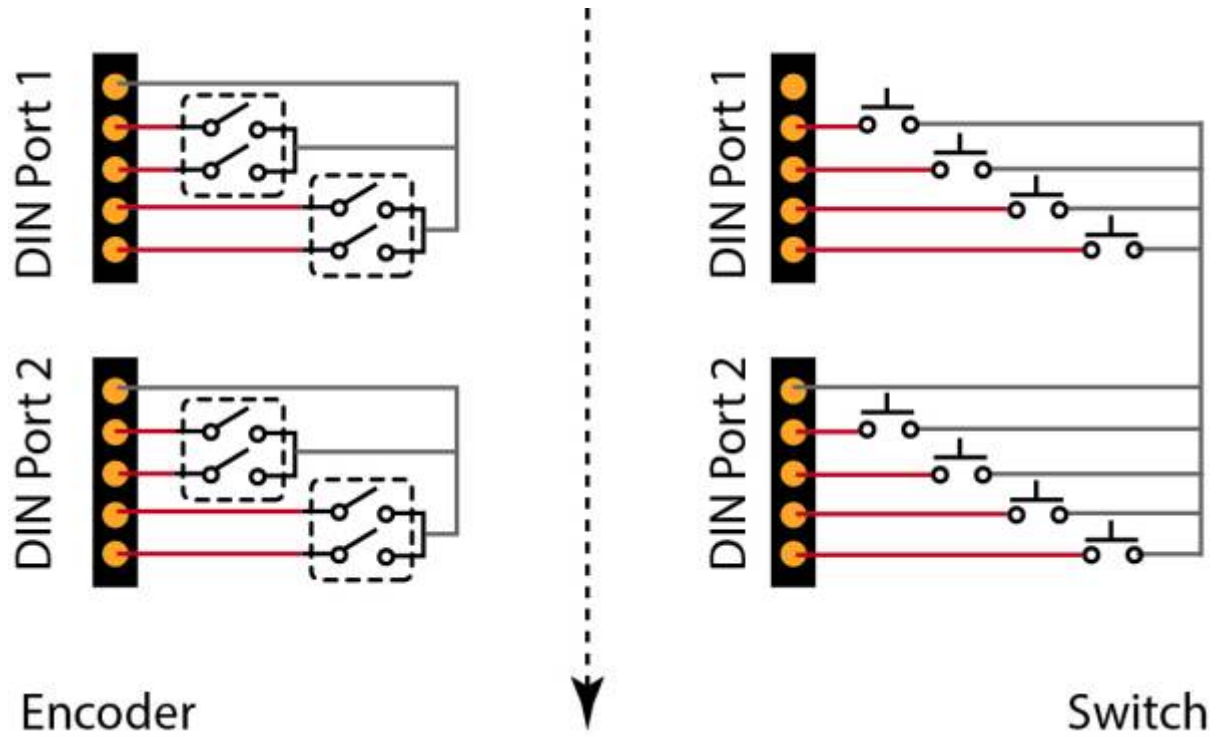


## Some Refs?

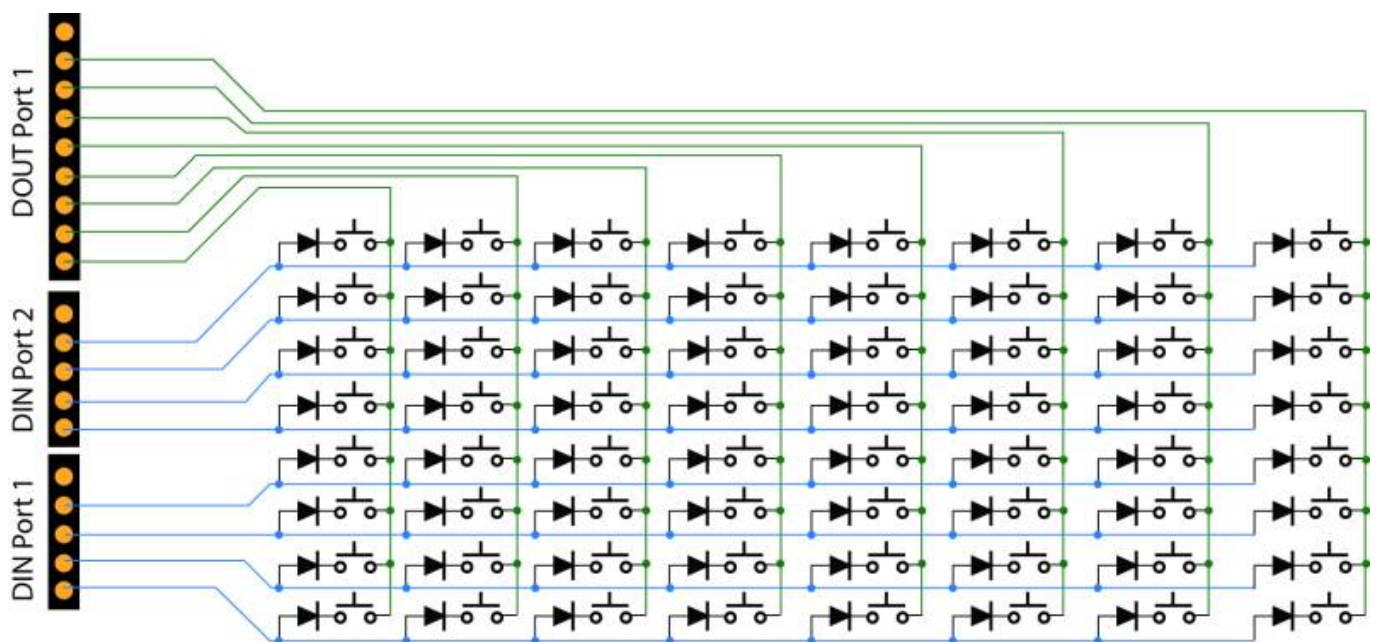
There is thousands of switches, describing them here would be impossible.

You should have a look to [Switch Choosing Guide](#)

## Connection



## Matrix Design



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