

Switches

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Introduction

Today I studied some terminologies used in describing switches.

Analog Switch

An analog switch uses an analog control signal to switch on/off. For example, when the analog control signal is positive, it switches on; otherwise switches off [2].

Poles and Throws

According to sparkfun.com [1],

- ▶ Poles are the "bars" you can move around.
- ▶ Throws are the wires connected to the switch.

Switches are characterized by the number of poles and throws they have. We often abbreviate single pole single throw as SPST; single pole double throw as SPDT, so on and so forth.

References



Switch Basics.

<https://learn.sparkfun.com/tutorials/switch-basics/poles-and-throws-open-and-closed>. Accessed: 2018-07-28.



Wikipedia contributors. *Analogue switch* — *Wikipedia, The Free Encyclopedia*. [Online; accessed 28-July-2018]. 2018.

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