

Source: [KBPhysicsMasterIndex](#)

1 | Base System

1.1 | Binary

$$1011010.0 \Rightarrow 1 * 2^6 + 0 * 2^5 + 1 * 2^4 + 1 * 2^3 + 0 * 2^2 + 1 * 2^1 + 0 * 2^0$$

- In binary, 2 conditions could represent all numbers
- Low Voltage \Rightarrow 0
- High Voltage \Rightarrow 1

$$1011010 + 011101$$

Signal A + Signal B