

Digitaltechnik

MSB - Most significant bit

LSB - Least significant bit

$x \% 1$ - drop decimal value from x .

2^n - number of possible states with n bits.

Resistance of a wire

ρ - resistivity of the metal (Ωm)

l - length of the wire

A - cross sectional area of the wire

$$R = \frac{\rho l}{A}$$

Modern electronics uses 0.8V as high.