

SOFTWARES EVERY ELECTRONICS ENGINEER SHOULD KNOW ABOUT

1. ARDUINO IDE

This is useful to create projects on Arduino. IDE includes code editor and provides one click mechanism to compile and upload programs to Arduino board

2. MATLAB

It is a multi paradigm numerical computing environment. It is used to do data analytics and to program development boards. Often used for creating analytic projects.

3. ALTIUM DESIGNER

It is a software for PCB design. It has tools for all circuit design tasks like schematic, HDL design capture, simulation etc.

4.ATMEL STUDIO

It is integrated development platform for developing and debugging all AVR microcontroller applications. Using this software , one can write, build and debug applications written in C,C++ etc.

5. PART SIM SIMULATOR

It is web based tool which allows any one to create, simulate and share electronic circuits using web browser. One can simulate and test the circuit before assembling.

6. AUTOCAD

It is a commercial computer aided design and drafting software. One can design product in 2D/3D

7.VIVADO FPGA DESIGN SUITE

Produced by Xilinx for synthesis and analysis of HDL designs.. It is used for programming FPGA board with VHDL and VERILOG.