

apaBoard - multi-tool for easy-build devices ready for IoT

apaBoard is the multi-tool for easy-build devices ready for IoT, although there is no chance to understand IoT in present, as they will be designed in the future. So we have to build them first and become a lifelong learner after. How is this possible?

It's hard to make complex experiments without deep knowledge. So we need a tool for successful experiments which also provides the connectivity of them by its various modules.

A successful experience can establish the interest which later helps easy learning and to become motivated. ARM CortexM4 TivaC LaunchPad, Energia IDE and apaBoard are a good start for students and also can be used in higher education with professional IDEs.

“Predictions say there will be 50 billion connected devices by 2020” (TI). Those young people who can build these devices will shape the world.

That culture, economy or even that device will be successful which helps young people to be able to understand IoT.

Foundational experiments start from analog, digital input-output, ADC, LCD, ADXL335 accelerometer, 8 bit level shifter, led matrix, sound input, output, amplifier, SD, EEPROM, capsens, servo, stepper, DC motor control I2C, SPI, UART data transmission, etc.