IOT Development Board with inbuilt ATmega328 and NodeMCU ESP8266 wifi

BY

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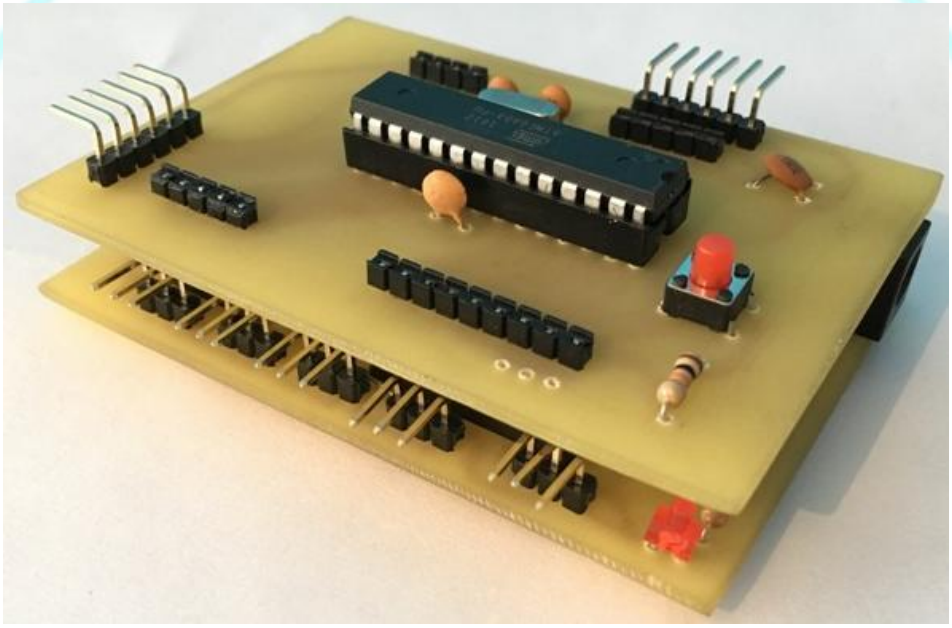


IOT Development Board with inbuilt ATmega328 and NodeMCU ESP8266 wifi is compatible with ATmel AVR Studio and Arduino IDE. It can directly to Also NodeMCU can directly attached with Android cable to Arduino IDE.

you can easily build your program at ATmel AVR Studio & can create .hex file. After it you can easily write your program using given programmer with this kit. All the instruction to write & run your program to board will attach soon with this product page.

This board specification:

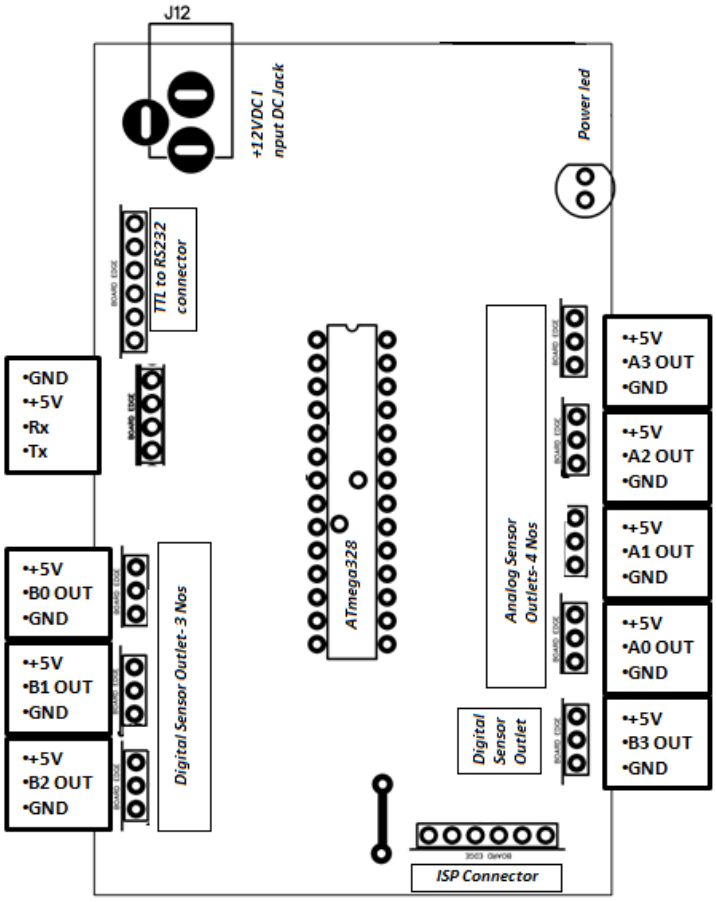
- Best in-class Brand Free IOT kit
- Arduino IDE & ATmel AVR Studio Compatible Board
- Inbuilt ATmega328 & NodeMCU ESP8266 wifi development board
- Inbuilt interfacing connectors/ pins to directly connect sensor

- 4 Analog sensor outlet connector
- 4 digital sensor outlet connector
- USART/ UART sensor outlet connector

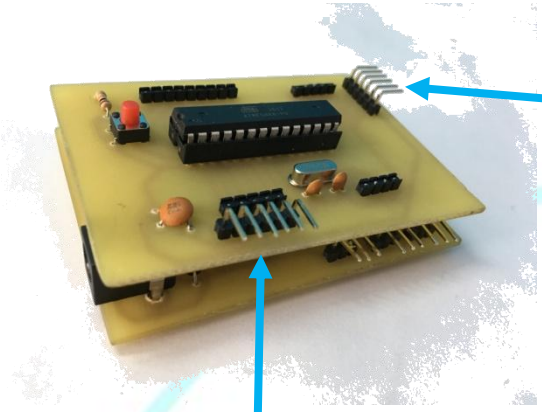
Download links:

- PDF Datasheet of IOT Development Board with inbuilt ATmega328 and NodeMCU ESP8266 wifi
- ATmel AVR Studio
- Arduino IDE
- Referred Book to learn ATmel AVR Programming Step by Step
- Driver for NodeMCU & TTL to UART Converter
- WinAVR
- AVR USB Programmer/ burner software

Schematics of Board



Top view of Board



ISP connector to connect AVR USB Programmer to Write/ burn code/ .hex file to ATmega328 Microcontroller. AVR USB Programmer is also includes with this board

You can connect this 6 pin Outlet connector with TTL To UART converter to interfacing with Arduino IDE. This converter also includes on this kit.

TTL To UART converter outlet to connect with PC. You can see the serial data to PC virtual Terminal.

View of Slave Board

Port to connect NodeMCU to PC. It can directly interface with Arduino IDE to receive the serial data & commands from Atmega328 & upload the data/ sensor reading to icloud.