

## How to flash hex file onto Arduino ATmega328p?

This file contains the instructions for testing necessary components for Arduino Nano (ATmega328p) microcontroller board.

Follow these steps to test hardware.

1. Make sure that all connections are properly made among the hardware components as explained in [Arduino\\_Nano\\_Test.pdf file](#).
2. Connect USB mini cable to Arduino ATmega328p. Identify the COM port of the device in Device Manager.
3. Open Command Prompt and navigate to the folder '[AVRDude](#)' available in Resources folder.
4. Type: `arduino_burn_hex_file.bat <COM Port> <path of .hex file to be burned>` to burn a hex file on the Arduino ATmega328p board connected to that respective COM Port.
5. Test the hardware as mentioned in the [Hardware Testing video of Arduino ATmega328p](#).