

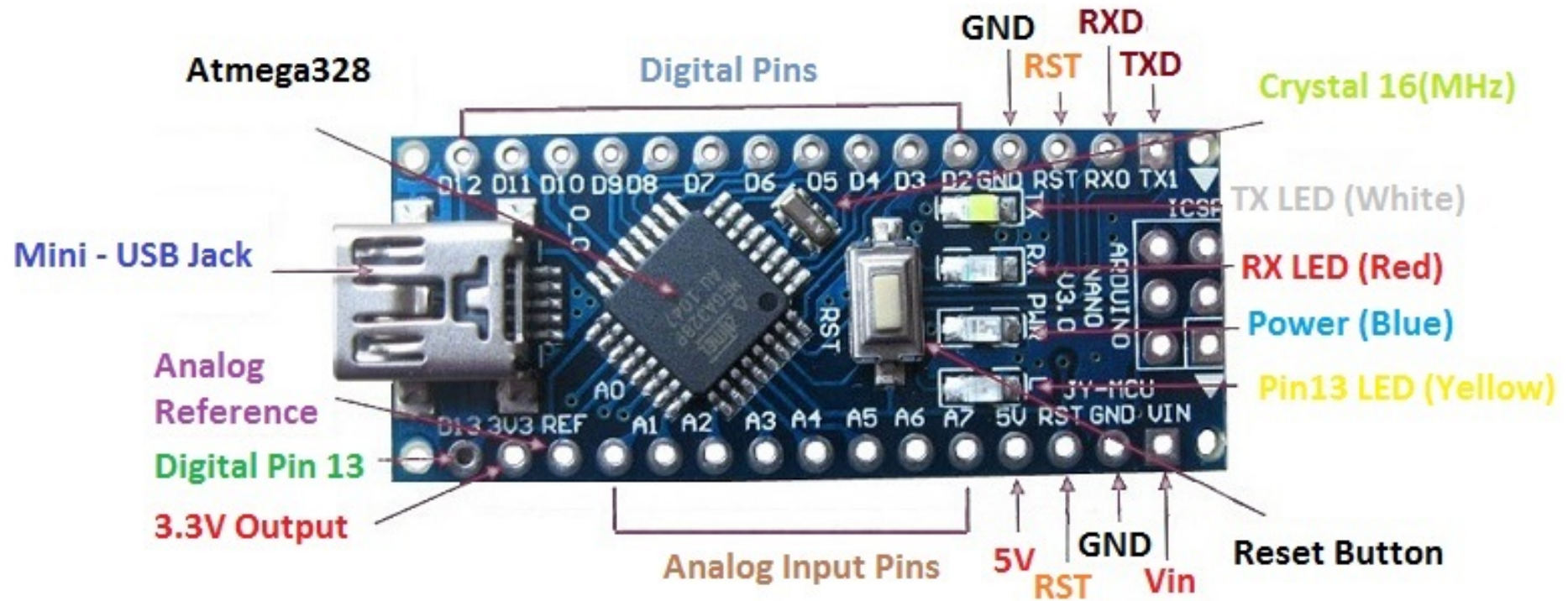
ARDUINO

The Arduino project started in 2003 as a program for students at the Interaction Design Institute in Ivrea Italy, aiming to provide a low-cost and easy way for novices & professionals to create devices that interact with their environment using [sensors](#) & [actuators](#). Common examples of such devices intended for beginner hobbyists including simple [robots](#), [thermostats](#) & [motion detectors](#).

The name *Arduino* comes from a bar in [Ivrea](#), Italy, where some of the founders of the project used to meet. The bar was named after [Arduin of Ivrea](#), who was the [margrave](#) of the [March of Ivrea](#) and [King of Italy](#) from 1002 to 1014.^[3]



Arduino Mini



Arduino Nano



The MEGA 2560 is designed for more complex projects. With 54 digital I/O pins, 16 analog inputs and a larger space for your sketch it is the recommended board for 3D printers and robotics projects. This gives your projects plenty of room and opportunities.

