This Joy-IT microcontroller board opens the world of programming to you and offers you the same computing power as the MEGA2560, but with a smaller footprint. It also has many more connectors than comparable boards (Arduino Uno). It is powered by the Arduino IDE and power can be supplied either via the USB port or the VIN pins. This allows you to use it safely with many other devices, e.g. desktop PC. Therefore the MEGA2560Pro is highly integrable.