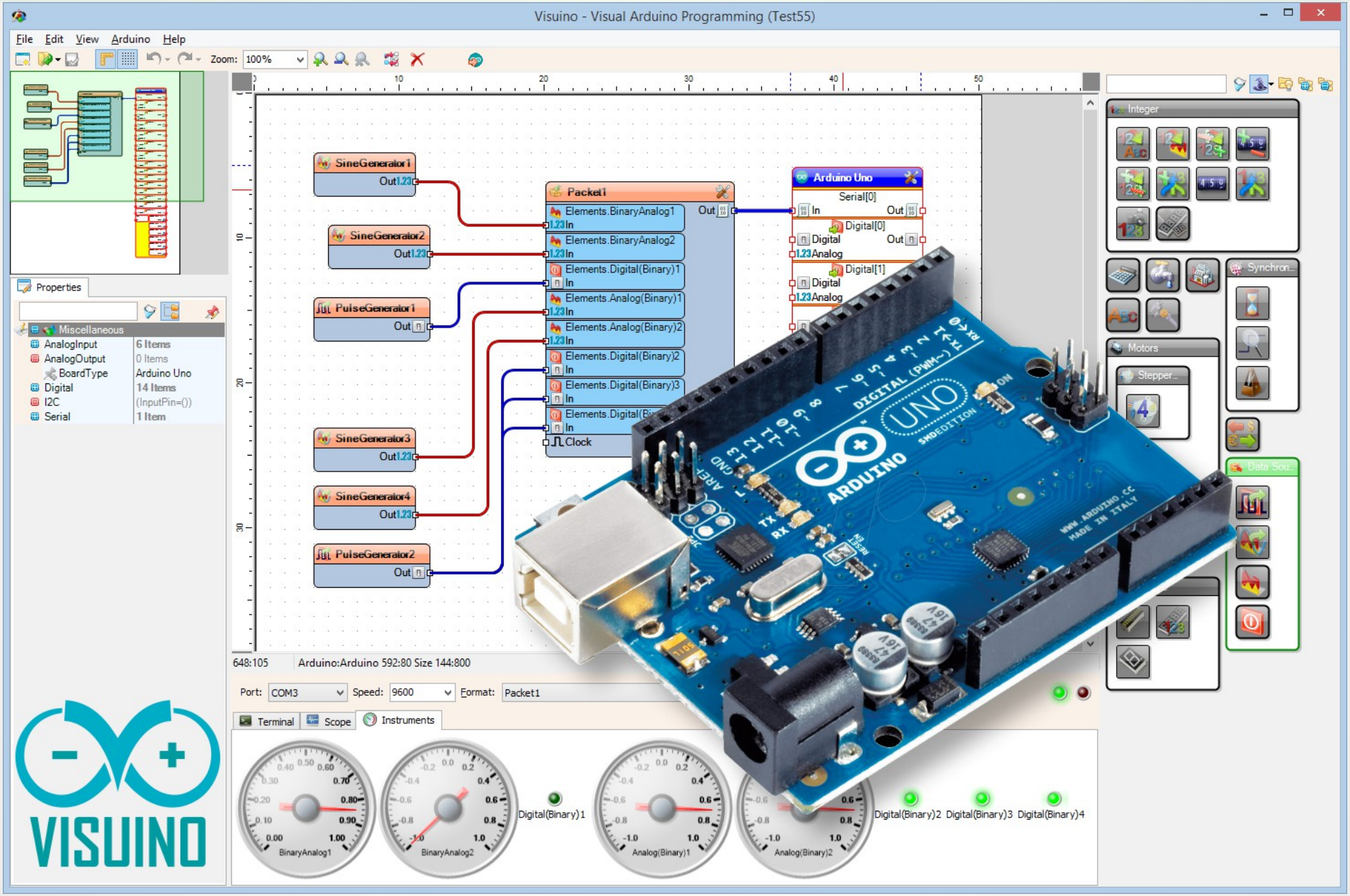
Meet Visuino



Why Arduino for Education?

- Created and widely used by the educational community
- Low cost Open Source Platform
- Resilient difficult to damage hardware
- Huge number of clones and boards new coming every day
- Simple to use for hardware designs
- Very good for real time tasks

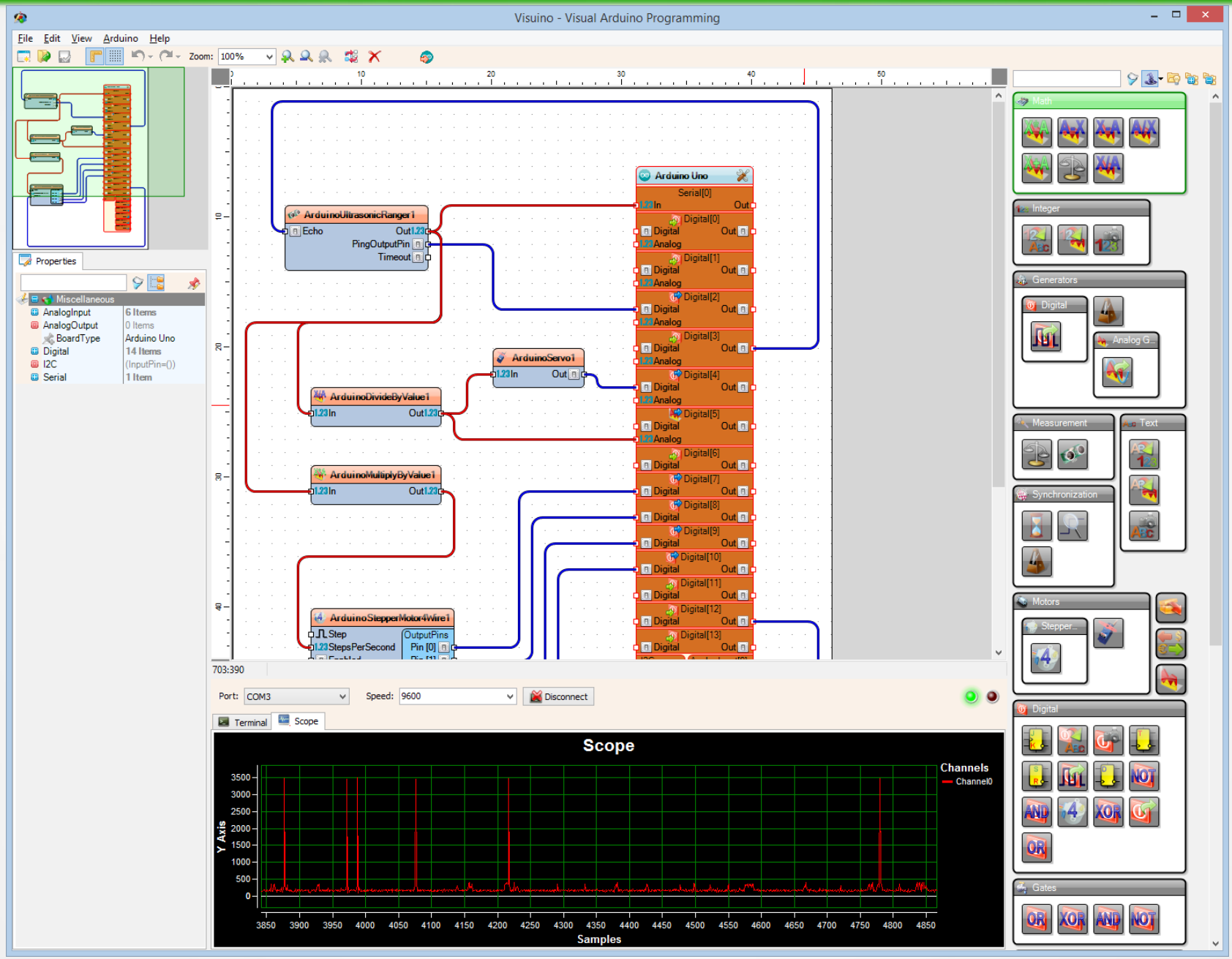
And more!

- Huge community
- Very good for artistic projects
- Adopted by developers, students, artists, hobbyists and more, well beyond the traditional HW market
- Huge number of ready to use peripherals

What are the Arduino issues?

- Very primitive and cumbersome development tools, difficult to learn and use
- Requires relatively low level programming
- Most people have no problem connecting hardware to it, but they get lost in the programming side
- Lack of easily available debugging tools
- When used for collecting data, there is no easy way to visualize it

Visuino comes to play



What is Visuino

- Graphical development environment for Arduino
- Automatically generates Arduino code, and programs the boards
- Built in data visualization
- Direct mapping of software and hardware components

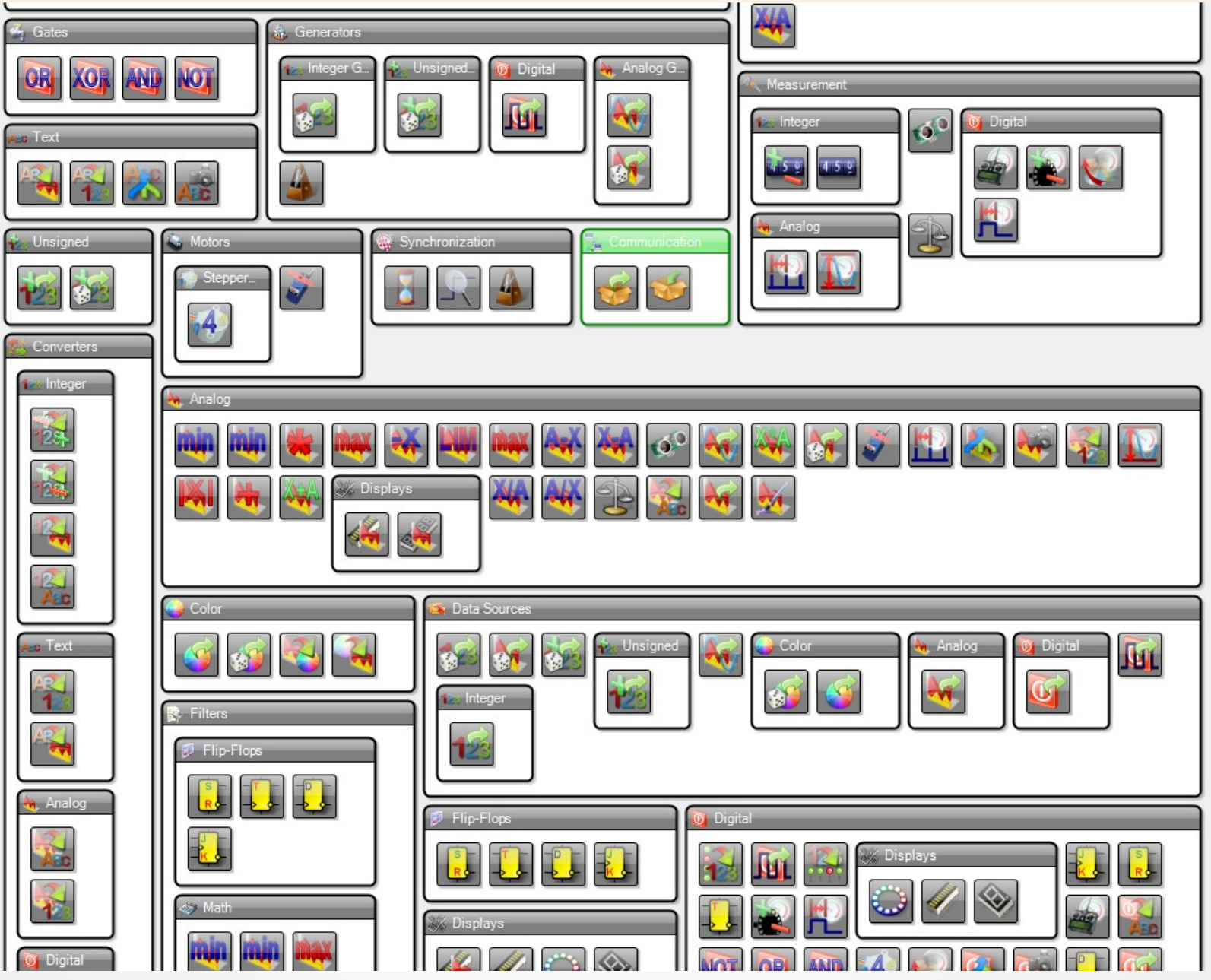
Why Visuino?

- Does not require any programming knowledge
- Simple and intuitive to use even for kids
- Removes the dangers of coding bugs
- Eliminates the need of code debugging
- Well suited for people with hardware knowledge
- Very complex designs can be created and deployed in minutes
- Automatic hardware configuration
- Integrates terminal, scope and visual instrumentation

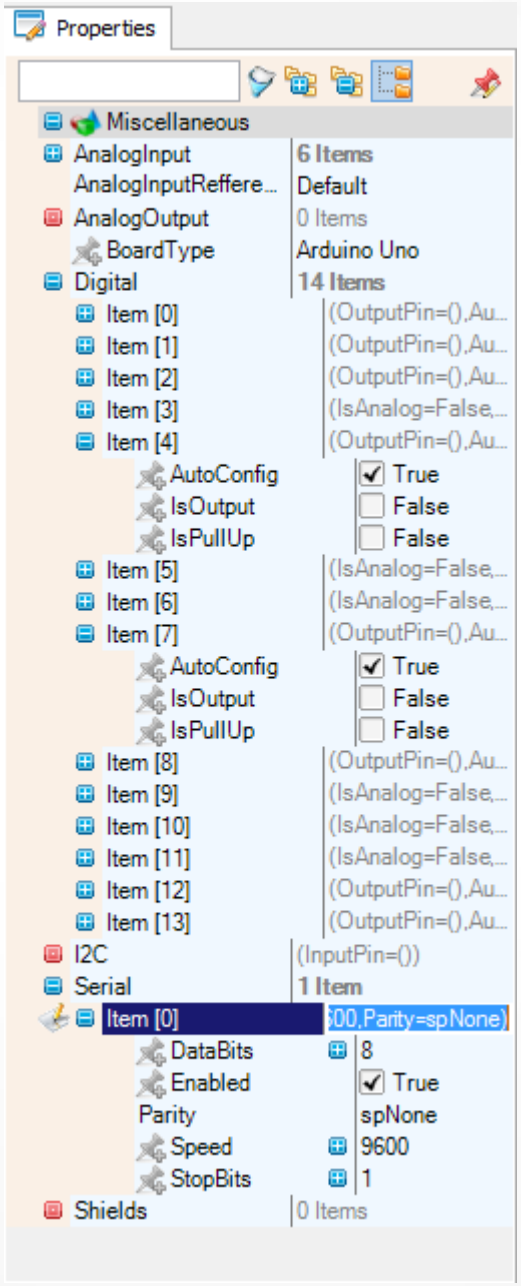
And more!

- Rich, flexible and expandable visual component framework with open API
- Generates small and highly efficient code
- Direct representation of hardware components in the software side
- Fast growing user community of over 3000 members

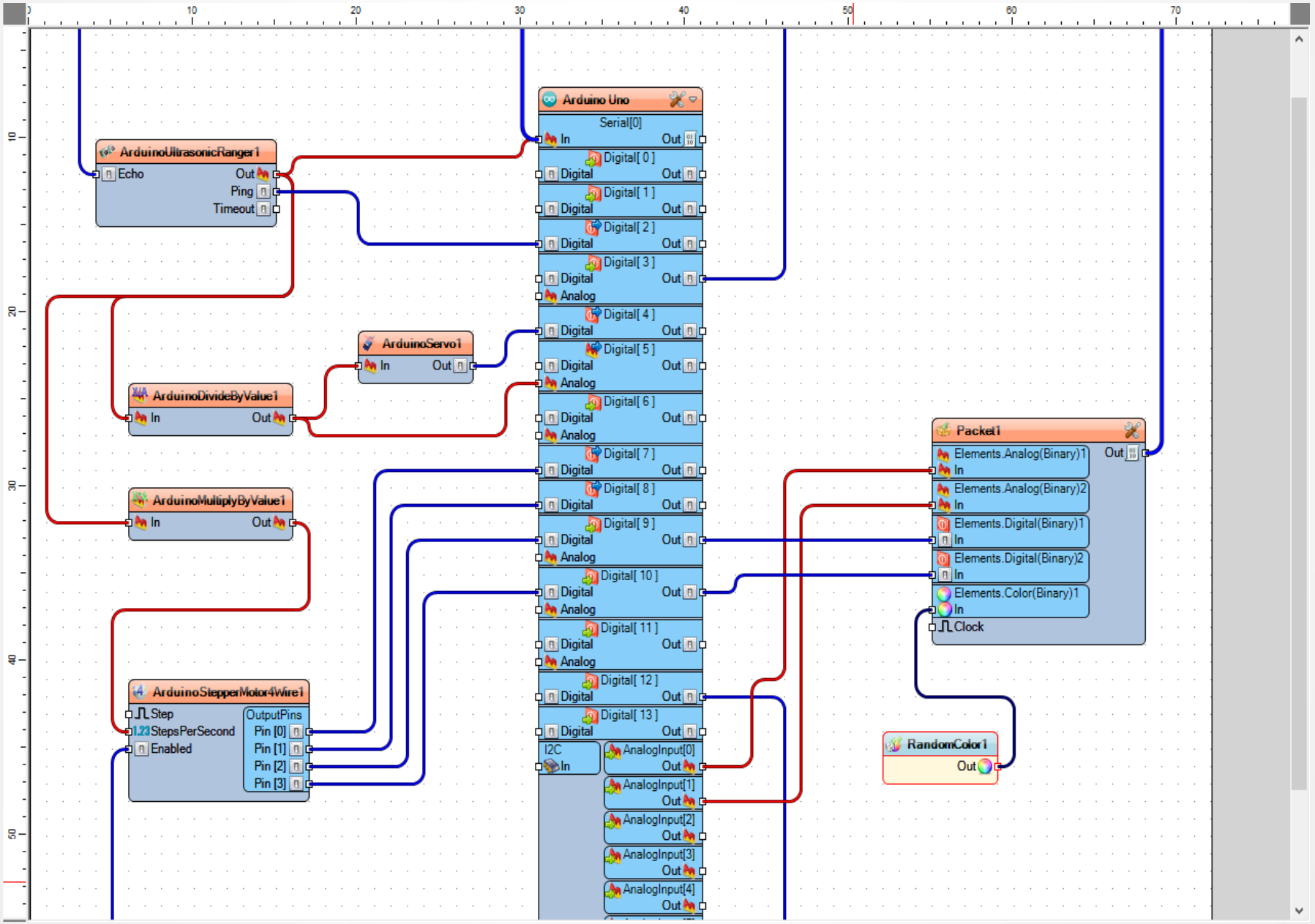
Rich component palette



Powerful Object Inspector



Graphical Designer



Data Visualization