

WHO WE ARE

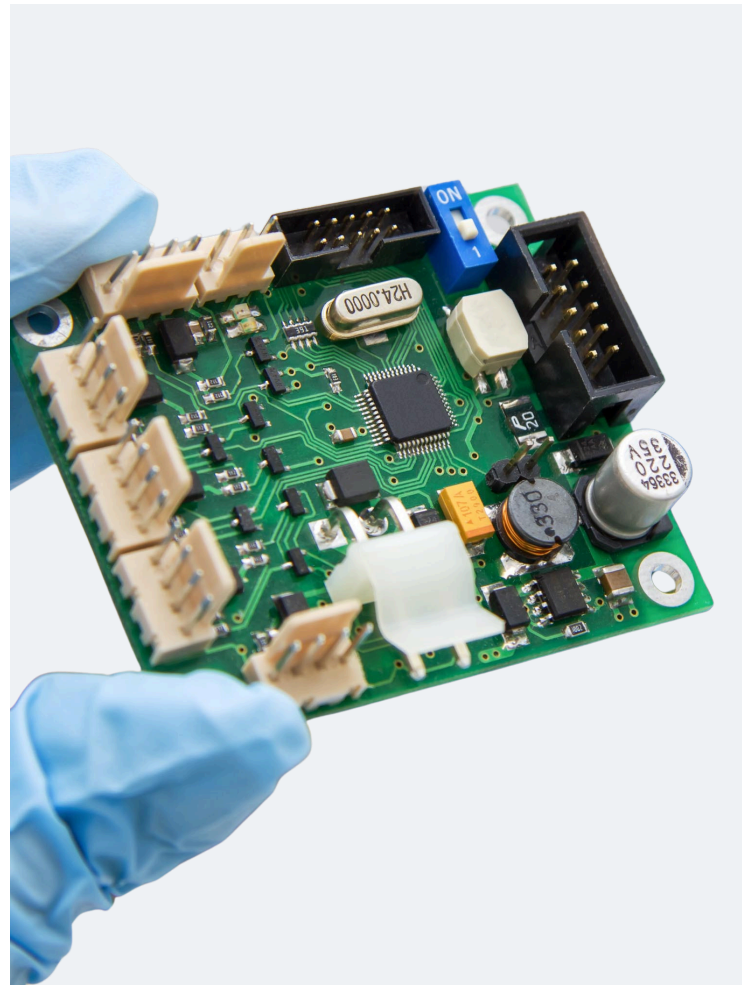
nVolts is a Slovakia-based engineering company developing custom electronics, embedded systems, and automation solutions for industrial and research applications.

OUR MISSION

From feasibility analysis to tested hardware prototypes, nVolts helps companies reduce development risk and move faster toward production.

WHY CHOOSE US?

- › EU-based engineering
- › Faster prototyping to accelerate your time-to-market
- › Integrated hardware and software development



CUSTOM ELECTRONICS FROM CONCEPT TO PRODUCTION

PCB design, embedded systems, prototyping, automation, and custom hardware development



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Scan to explore
our solutions

OUR SERVICES

OUR PRODUCTS

OUR SOLUTIONS

Custom platforms for measurement, control, and automation



Consultation

- > Feasibility analysis
- > System architecture planning



Custom Design

- > Hardware development for startups
- > Specialized systems for research
- > Embedded control solutions



Prototype development

- > Hardware prototypes
- > Testing and validation



Integration & Automation

- > Hardware-software integration
- > Control and monitoring systems
- > IoT and sensor networks



DAX-Lite

Custom-designed digital access cross-connect for industrial, research and automation applications



SIGNA-4

Compact 4-channel signal generator with four BNC outputs for testing, control, and measurement applications.

Data Acquisition Systems

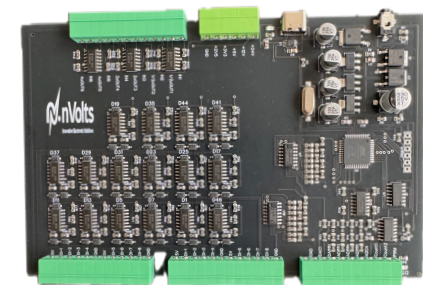
Switch matrices, signal generation, I-V measurement, DC feed solutions

Embedded Control Systems

Automation, PLCs, and high-power switching solutions

Sensors & I/O Platforms

Industrial, Environmental and Agricultural



Digital/Analog I/O Extender

Control system with flexible input and output channels for sensors, switches, actuators, and automation devices