



**ANDAK
CONSULTING**

**BRAINIAC
ENGINEERING**

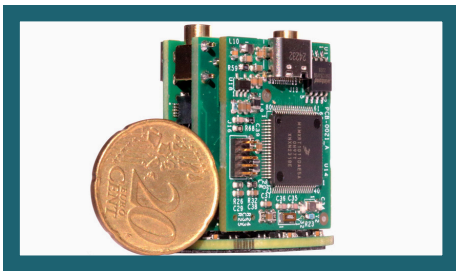
**CELEBRATING 20 YEARS OF
PARTNERSHIP WITH THE
SEMICONDUCTOR INDUSTRY
LEADERS**



OrCAD X, Allegro, Sigrity X, PSpice, OMNIA

FLOWCAD & CADENCE CHANNEL PARTNER

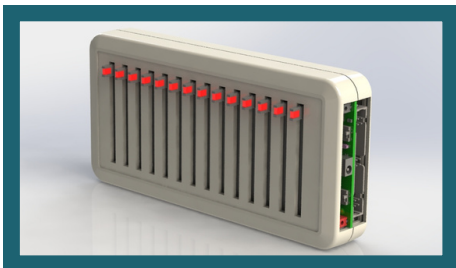
Efficiency begins with great tools. We're the Romanian distributor for OrCAD X, Allegro, Sigrity X, PSpice, OMNIA, OEM products along with services for CAD library support, SKILL and TCL development.



The smallest SiPM based complete optical sensor in the world (SiPM array, FEE, PSU and MCU boards) - IoT, Quantum, Nuclear

HARDWARE DESIGN SERVICES

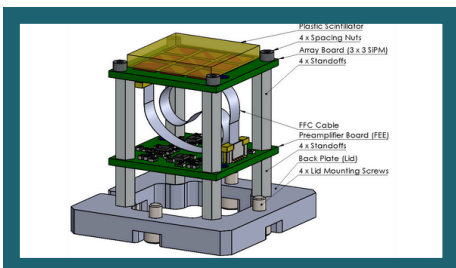
We offer hardware design services regardless of the products' development phase. Starting from an idea only, we can develop your product completely, from the technical solution and system architecture to the production phase and commissioning along with the functional software.



A complete CAD model of a battery emulator - Automotive

MECHANICAL DESIGN SERVICES

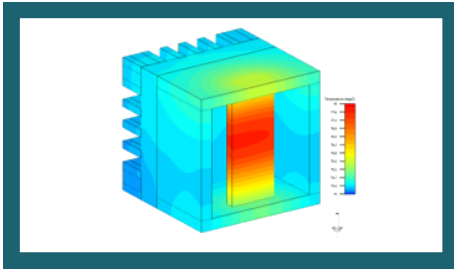
Often, companies do not have the necessary resources to fully design a project. Our multidisciplinary team involved in mechanical design services, understands the challenges specific to electronic projects. This way, the interaction between the client and us is minimal, reducing the design time and the client's effort.



Beta Radiation detector, a drop-in replacement solution for one of the largest Research Facilities in the world

REVERSE ENGINEERING & DESIGN TRANSLATIONS

Many clients came to us with a PDF schematic and a picture of the product and asked us to provide them with the CAD design files. Even more common is the scenario where the reference design is in a software tool other than OrCAD and the client wants to develop his solution by modifying the reference design. If you need such a service, contact us.



Thermal analysis of a 3 PCBs system in 30mm cube enclosure - Automotive

THERMAL ANALYSIS

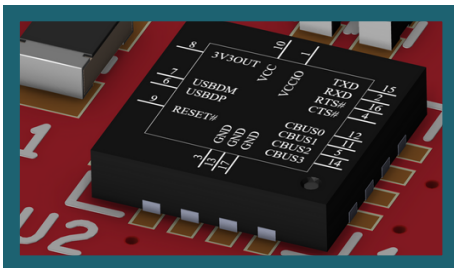
Because normally only one out of ten projects needs thermal analysis, small companies need to outsource these services. Our multidisciplinary team understands the specifics of electronic projects and can come up with solutions to improve the thermal performance of your product. With us, the interaction is minimal, significantly reducing the design cycle time and the client's effort.



Mixed signal board - Aerospace

PCB DESIGN

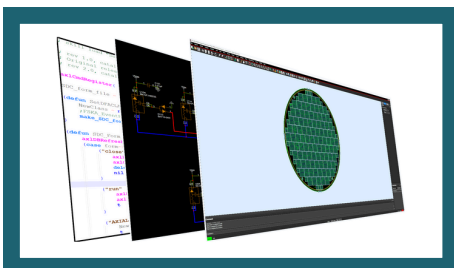
With 20 years of PCB Design experience, all kinds of systems have passed through our hands: miniature sensors for satellites, server multiprocessor motherboards, one of the first SSDs, storage systems for data centers and motor drivers for electric cars. It is very likely that some components from your phone were developed using systems designed by us.



CAD Library services

CAD LIBRARY - DESIGN AND MANAGEMENT

A good library saves time and money. We provide CAD component library design services: schematic symbols, footprints and 3D models. We also provide support for the management and configuration of CAD component libraries.



TCL & SKILL Scripting solutions for Capture and OrCAD/Allegro PCB

CADENCE TOOLS CUSTOMIZATION - SKILL-TCL

Work processes are constantly evolving, and sometimes the best place to implement a solution is at the level of the CAD Software. That is precisely why Cadence offers its users the TCL and SKILL development environments for customizing Capture and OrCAD respectively. If you have an idea that can be implemented at the level of CAD tools, contact us for a quote.

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