

WHO ARE WE AND WHAT CAN WE DO FOR YOU?

Dekimo is an end-to-end electronic services supplier, with an offering ranging from the electronics and software design phase all the way to production and testing.

Dekimo offers its services as **in-house projects** or in the form of **on-site consultancy** (Dekimo Experts) to a wide range of market segments in Europe (consumer & professional electronics, medical, telecom, (aero)space & military, automotive, banking, chip design,...).

Electronic design

- Digital design ranging from simple microcontroller designs to advanced time-critical designs based on multicore processors
- Analogue design and power electronics
- FPGA, CLPD design in VHDL (Xilinx, Intel/Altera, Lattice)

PCB design & layout

- Schematic capture (Mentor/Cadence/Altium/Zuken)
- Routing of complex multilayer PCBs
- High speed, high density, microvia, DFM check
- Tools: Expedition/Boardstation/Allegro/Altium/Cadstar/Pads/CR5000
- Hyperlynx simulations and consultancy for Signal Integrity and EMC

Software development (embedded & applications)

- Wide range of drivers/applications mainly written in C/C++ and assembler
- Embedded Linux, Windows Embedded, VxWorks, Integrity,...
- Platforms: ARM Cortex, Microchip, Atmel AVR, PIC, TI DSP, Power PC,...
- Mobile device/smartphone development (Android, iOS)
- Applications in Visual C++, C#, .NET, Java, Visual Basic, Delphi, Python, QT,...
- Tools/environments: LabView, Matlab
- Methodologies: Agile and V-Model

Mechatronics & automation

- 3D CAD design & simulations based on CAD models
- Design of electrical diagrams
- Rapid prototyping using additive and subtractive manufacturing
- Control systems using customized electronics, PLCs and machine vision
- Servo, pneumatic or robot based applications

Fully accredited Test Lab

- Compliance testing (EMC, Product Safety, Climate, Mechanical)
- Pre-compliance tests, CE labeling
- EMC Debug corner
- CE/EMC/LVD/MDD/ENV consulting & advice

Electronic manufacturing

- ISO9001 certified production plant
- Highly flexible production and assembly
- 100s up to 100.000s of PCBAs
- Competitive pricing, high quality, local-for-local

