

# Hausager Electronic Design

CVR: 35061983

Are You facing an electronic design project – and want it done right.

I, being a HW design engineer and optionally SW using a partner, can help steering thru the process and create an efficient HW within agreed timeframe.

HW is for me anything from antennas, RF, analog, PWR delivery and microprocessors.

Disciplines includes:

- System design.
- Antennas, simulation and test.
- RF design, and test.
- Analog HW design.
- MCU circuit design.
- Design for EMC.
- Self-Interference Combat.
- Signal Integrity Analysis and design.
- PWR delivery design including decoupling, SMP and LDO's.
- PCB stack-up selection, routing planning and layout.
- Test circuit design and controlling SW.

I use free ware tools:

- [Open EMS](#) (FDTD) for antenna simulation.
- [KiCAD](#) for layout.
- [Saturn PCB Tool Kit](#) for PCB Line Calculations.
- [QUCS Studio](#) for circuit simulation.
- [Octave](#) for math and scripting.
- [FreeCAD](#) for mechanical construction.

I use [PCBTECH](#) for fast prototype PCB's and [Eurotechnic](#) for protobuilds.

Other commercial tools if provided by customer:

- CST, Ansys HFSS, Keysight Momentum, Sonnet – all 3D or 2.5D EM solvers used for antennas or SI tasks.
- Cadence or Altium for schematics and layout.
- P-Spice and ADS for circuit simulation.
- Matlab for math and scripting.

For more info on my background – see my [CV](#).

[Return to frontpage](#)

