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. Please call +45 30289797 or email: finn@hausager.dk

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, SMPS and LDO's.
- PCB Stack-Up Selection, Routing Planning and Layout.
- Test Circuit Design and Controlling SW.

Antenna Impedance Measurement using R&S VNA up to 6 GHz.
and various other instruments are available in lab.

I use free-ware tools:

- Open EMS (FDTD) and 4NEC2 (MoM) for Antenna Simulation.
- KiCAD for Layout.
- Saturn PCB Tool Kit for PCB Line Calculations.
- QUCS Studio for Circuit Simulation.
- Octave for Math and Scripting.
- Python for Test Scripting.
- FreeCAD for Mechanical Construction.

Other commercial tools if provided by customer:

- CST, 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.
- SolidWorks for Mechanical Constructions.

For more info on my background – see my CV.   Return to frontpage