

Transfer DSW B.V has been around since 2016 to provide Electronic Design Automation (EDA) trainings. We are one of the official trainings centres for Altera and Altium Designer.

In addition, we offer design services and are a distributor of various electronics design software products. We deliver knowledge and tools with which our customers can keep controlling the increasing complexity of the electronics development process.



TRAINING SESSIONS:

VHDL Introduction:

this one-day class is a general introduction to the VHDL language and its use in programmable logic design, covering constructs used in both the simulation and synthesis environments.

Advanced VHDL Design Techniques:

You will learn & practice efficient coding techniques for writing synthesizable VHDL for programmable logic devices (FPGAs & CPLDs). While the concepts presented will mainly target FPGA devices using the Quartus® Prime software, many can be applied to other devices & synthesis tools.

Quartus® Prime Software: Foundation:

You will learn how to use the Quartus® Prime software to develop an FPGA design from initial design to device programming.

Introduction to the Platform Designer System Integration Tool (Qsys):

This class will teach you how to quickly build designs for FPGA devices using the Platform Designer system-level integration tool (formerly known as Qsys), part of the Quartus® Prime software.

Designing with Nios® V Processor:

This course will leverage your knowledge of the Platform Designer System Integration Tool (Qsys) and teach you to embed a Nios® V 32-bit microprocessor soft core into your FPGA design.

Quartus® Prime Software: Timing Analysis with Timing Analyzer:

You will learn how to constrain & analyse a design for timing using the timing analyzer in the Quartus® Prime software. This includes understanding FPGA timing parameters, writing Synopsys* Design Constraint (SDC) files, generating various timing reports in the timing analyzer & applying this knowledge to an FPGA design.

Designing with an ARM-based SoC:

Learn to design a system containing the ARM® Cortex® Hard Processor System (HPS) on Cyclone®, Arria® and Agilex® SoC FPGAs. Learn hardware aspects to design the SoC system with hands-on labs. Learn to add & configure the processor component into a Qsys system. Perform debug of the hardware system using debug tools like Signal Tap logic analyzer & System Console.

Conditions:

- 1) Training materials are included.
- 2) By trainings sessions at location HQ Markelo, Lunch, Coffee / Tee are included.
- 3) Training sessions are only possible with a minimum participation of 4 students.

Gaining knowledge and skills is crucial in the world of electronics development to stay competitive in today's fast growing world of technology.

Do you wish to enhance your design skills so you can complete your projects faster?

Sign up for one of our training in the field of electronics development tooling and design methodology.

Go to the website of **Transfer DSW B.V** and make a selection from the list of available trainings dates.

Transfer DSW B.V

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Mail: info@transferdswnl

Website: www.transferdswnl

Version: V0.03

DESIGN SERVICES:

FPGA design services:

Board Level Design (DS); Certification (DS); Custom IP (DS); Debug (DS); Design for Manufacturing (DS); FPGA Design (DS); Schematic / Layout Review & DFT (DS); Software (DS); System Level Design (DS).

Description:

Our FPGA design services provide comprehensive solutions, including custom logic design, integration of advanced algorithms, development of interface controllers, FPGA design, Schematic review, embedded design, System-level design, board-level design, PCB layout, Debug and FPGA training. These services offer enhanced performance, flexibility, and energy efficiency, making them ideal for industries like telecommunications, automotive, and industrial automation. Additionally, we provide ongoing support to ensure your designs remain optimized and up-to-date. Go to the website of Transfer DSW B.V and contact us, we can than discuss the wishes of you design.

Benefits:

The benefits of our FPGA design services are significant. By leveraging our expertise, you can achieve enhanced performance and lower power consumption, making our solutions ideal for industries such as telecommunications, automotive, and industrial automation. Additionally, we offer ongoing support and maintenance to ensure that your designs remain up-to-date and continue to provide a competitive edge in your industry. With our FPGA design services, you can confidently tackle complex challenges and drive innovation in your field.

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