Refresher – Altium Designer Course Agenda

Course Overview

This class is designed to provide a 2 day (2 days, 6 hours per day) refresher training with AD17 for engineers and designers who don't use Altium Designer on a consistent basis due to the nature of their jobs. The class focuses on the areas where lack of familiarity with the tool will impede the design flow.

Note that this class should only be taken after attending the Altium Designer Boot Camp offered by Nine Dot Connects or has extensive prior experience of design, layout and manufacturing of a PCB using Altium Designer.

Day 1 – Altium Designer Environment and Schematics Editor

Mod 1 – AD17 Environment and PCB Project Structure
- Exercise 1: Workspace Panels

Mod 2 - System Level Preferences
- Exercise 2: System Level Preferences (DXP > Preferences)

Mod 3 - Schematic Workspace Panels and Properties
- Exercise 3: Schematic Editor Panels and Properties

Mod 4 - Schematic Component Placement and Wiring
- Exercise 4: Schematic Component Placement and Wiring

Mod 5 - Compiling the PCB project and Resolving Errors
- Exercise 5: Compiling the PCB Project

Mod 6 - ECO to PCB
- Exercise 6: Schematic to PCB (ECO)

Day 2 – PCB Editor and Output Files

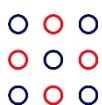Mod 7 - PCB Editor Workspace Panels and Properties
- Exercise 7: PCB Panels and Properties

Mod 8 - Placing PCB Footprints
- Exercise 8: Placing PCB Footprints

Mod 9 - PCB Design Rules and Design Rule Checking
- Exercise 9: PCB Design Rules and DRC

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Mod 10 - PCB Routing
- Exercise 10: PCB Routing

Mod 11 - PCB
- Exercise 11: PCB Polygons

Mod 12 - PCB Project Output Files
- Exercise 12: PCB Project Output Files

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