

PCB Overview

2024

LAST UPDATED: 01-05-2025

DEMO

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Sample Boards

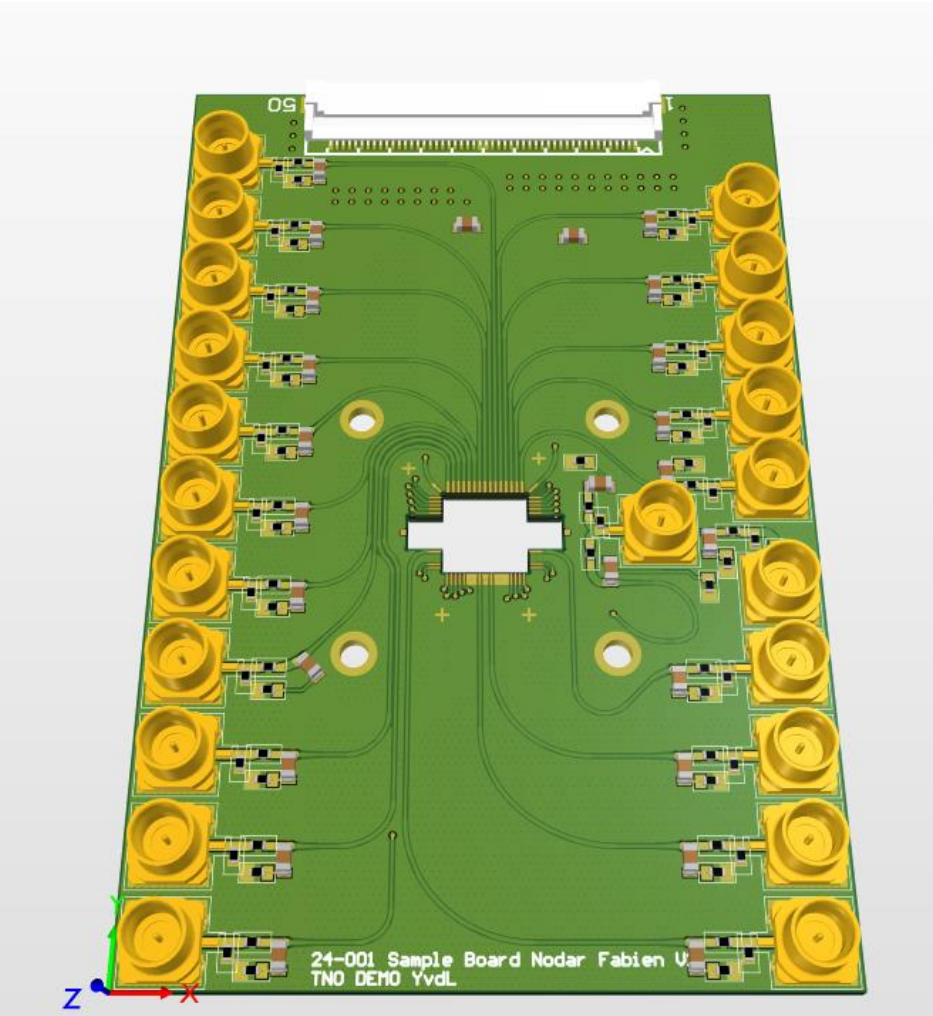
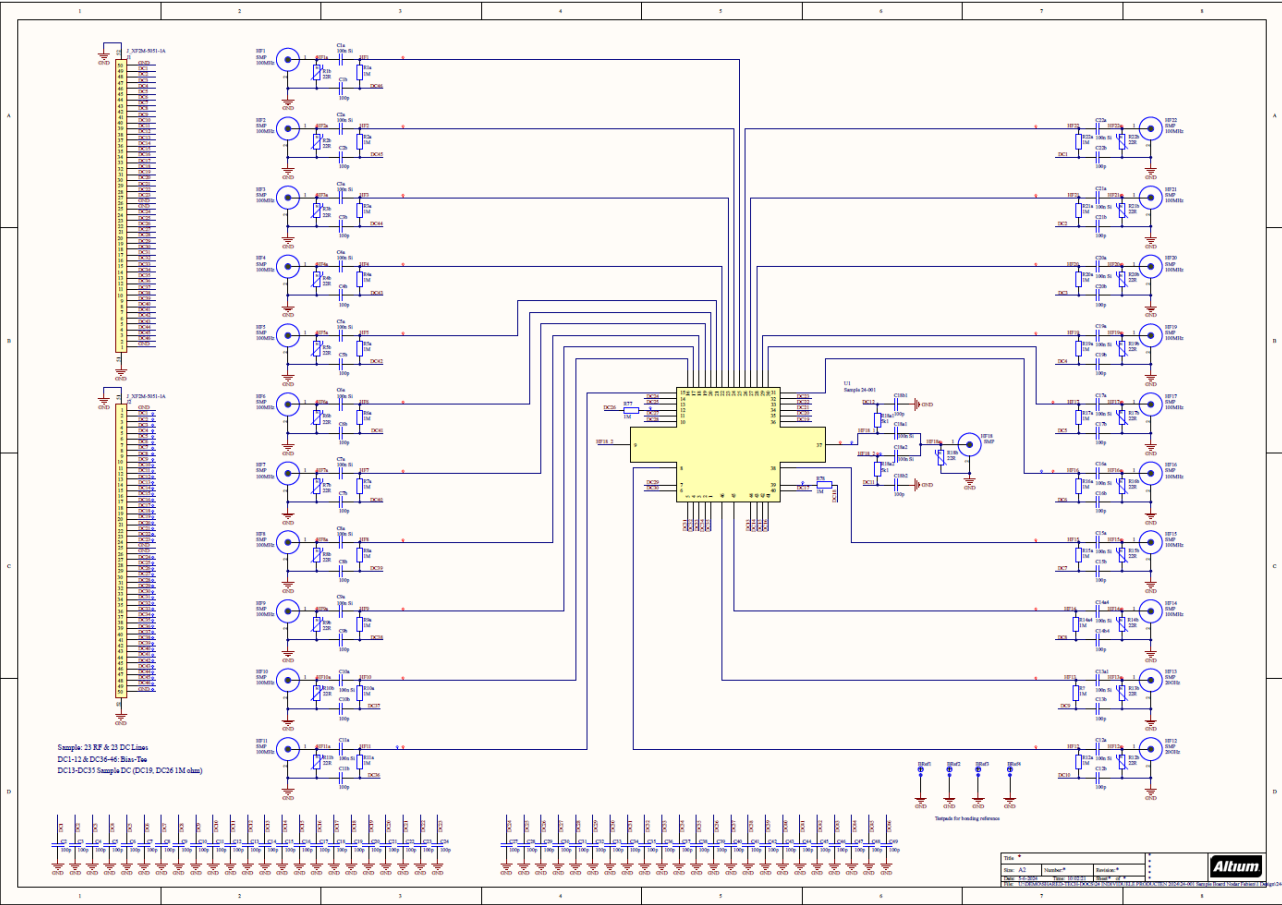
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24-001

Sample Board Nodar Fabien

Size (L x W x t) (mm)	70 x 47 x 1.25
Dielectric Material	RO4350B / RO4450F
Z ₀ (Design)	50Ω
Layers	6
Copper Finish	Ni / Au
RF Signals (Input)	21 (with Bias-Tees)
RF Signals (Read-out)	2 (multiplexed)
DC Signals	46
Connector Type (RF)	SMP
Connector Type (DC)	FFC50 RA

[Schematic](#)



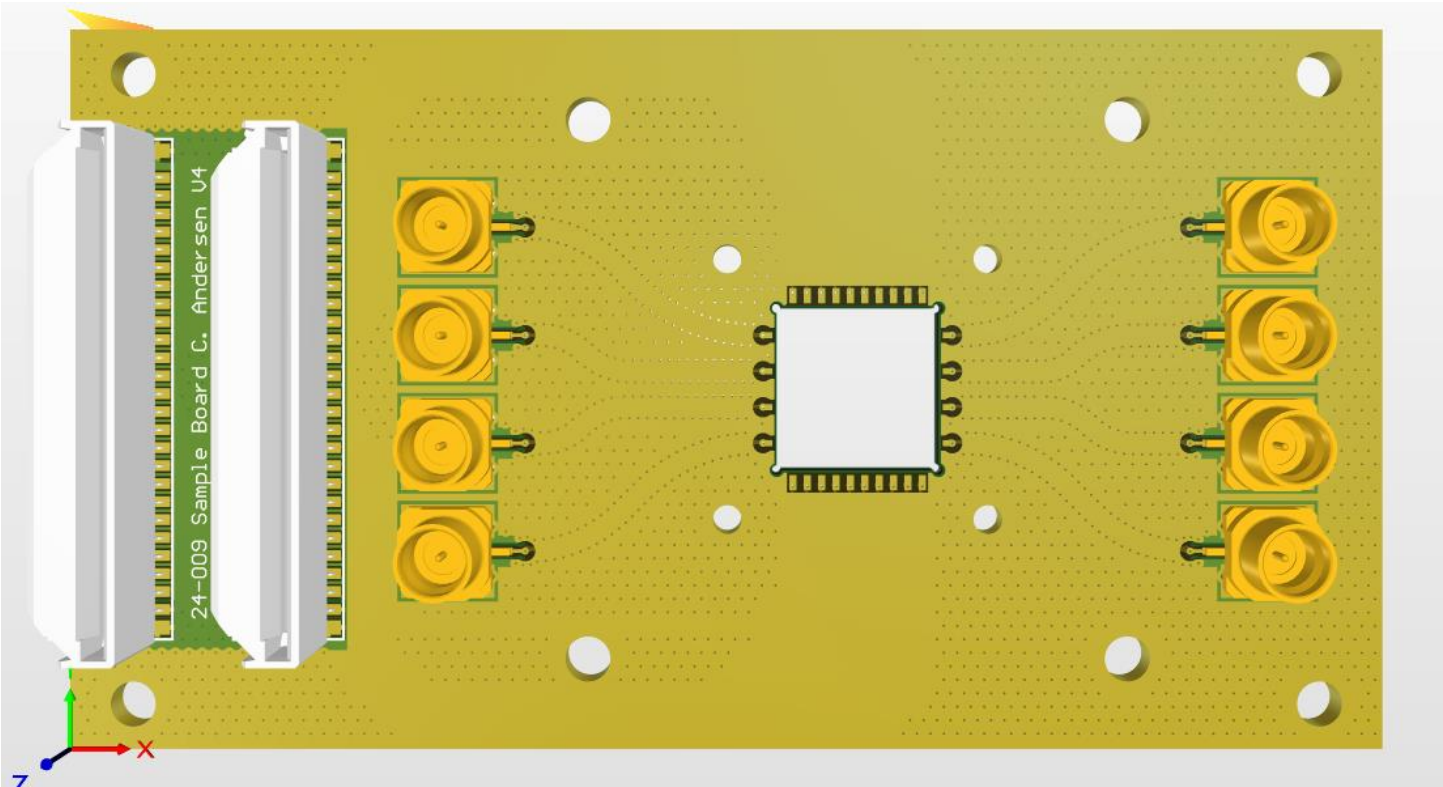
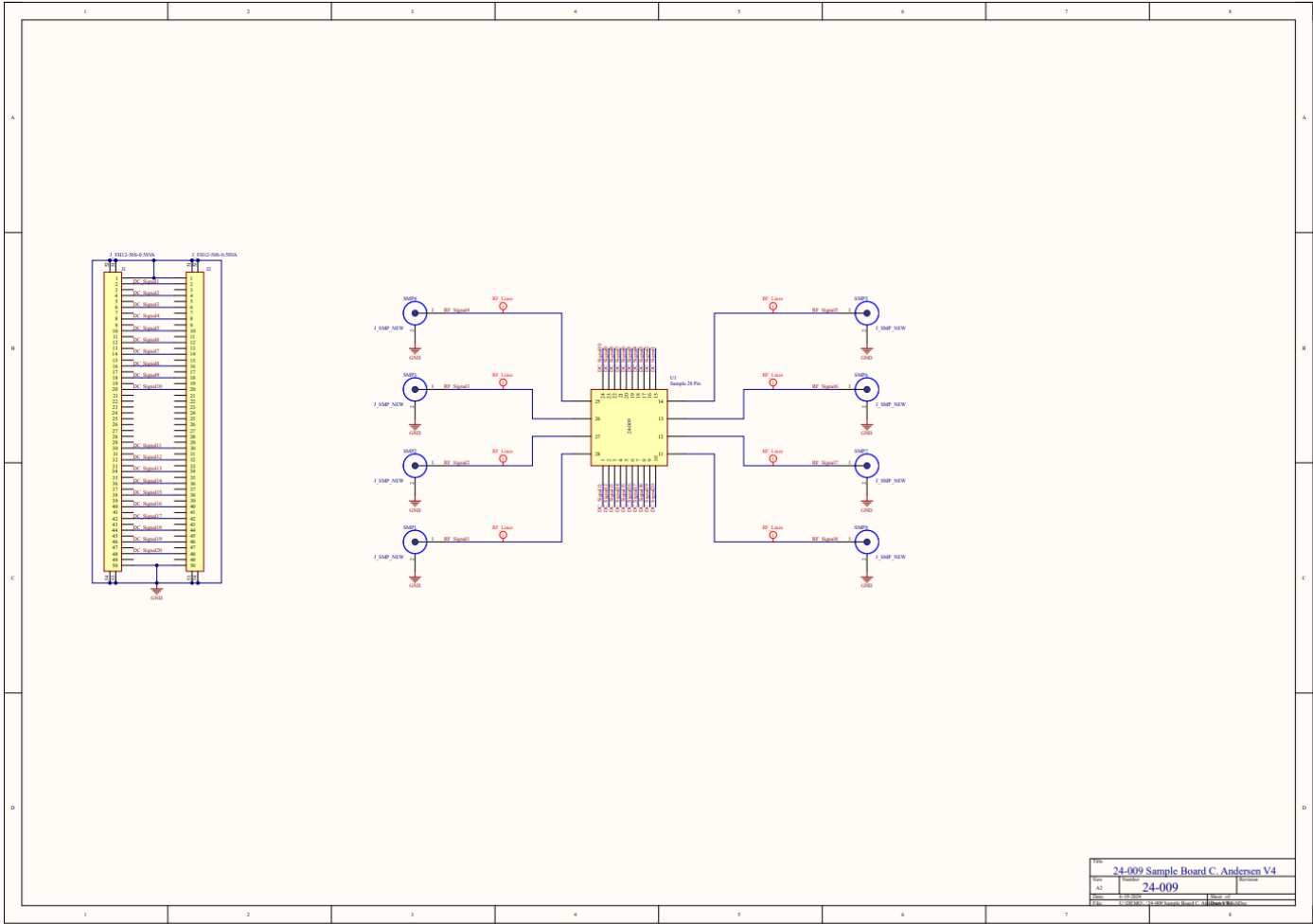
24-009

Sample Board C. Andersen

V4

Size (L x W x t) (mm)	73 x 40 x 1.72
Dielectric Material	RO3010 / RO4450F
Zo (Design)	50 ohm
Layers	4
Copper Finish	Ni / Au
RF Signals (Input)	8
RF Signals (Read-out)	0
DC Signals	20
Connector Type (RF)	SMP
Connector Type (DC)	FFC50 Straight

[Schematic](#)

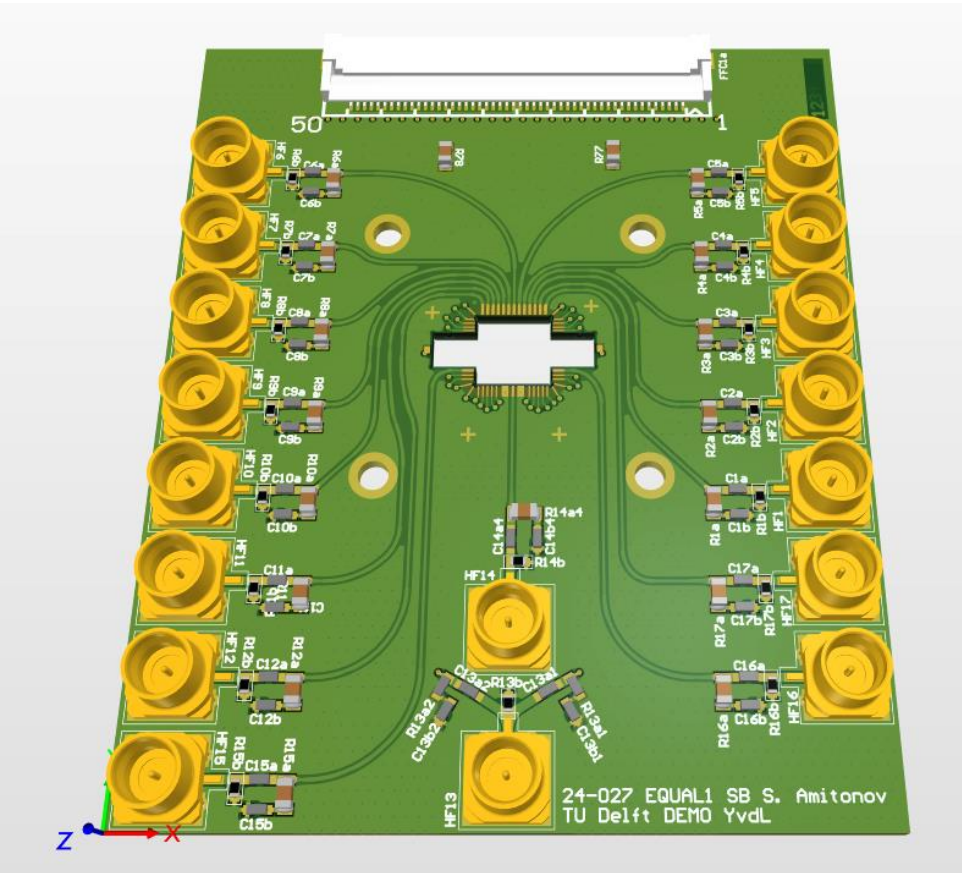
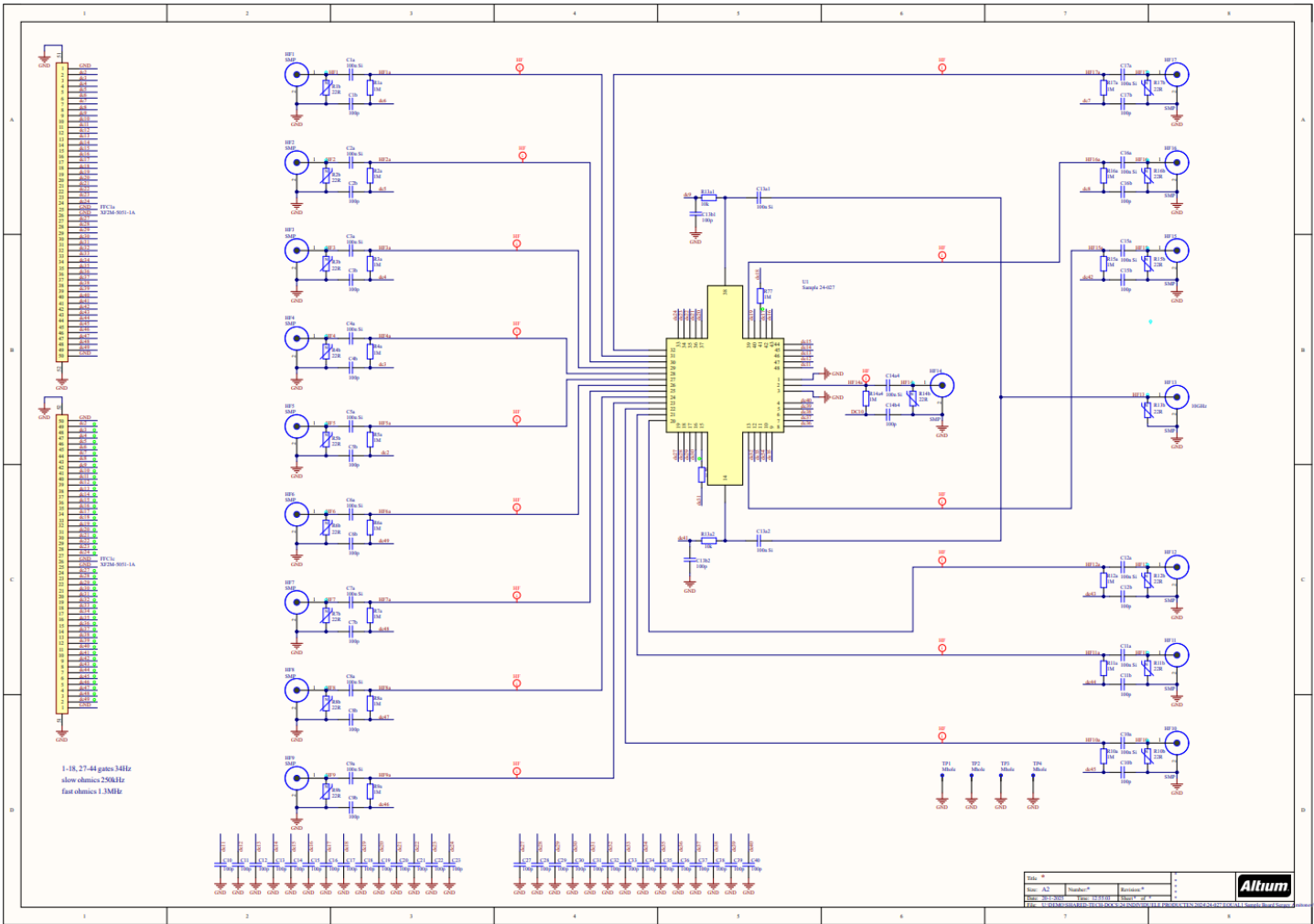


24-027

Sample Board

Sergey Aminotov

Size (L x W x t) (mm)	56 x 47 x 1.25
Dielectric Material	RO4350B / RO4450F
Z ₀ (Design)	50Ω
Layers	6
Copper Finish	Ni / Au
RF Signals (Input)	16 (with Bias-Tees)
RF Signals (Read-out)	2 (Multiplexed)
DC Signals	46
Connector Type (RF)	SMP
Connector Type (DC)	FFC50 RA



Schematic

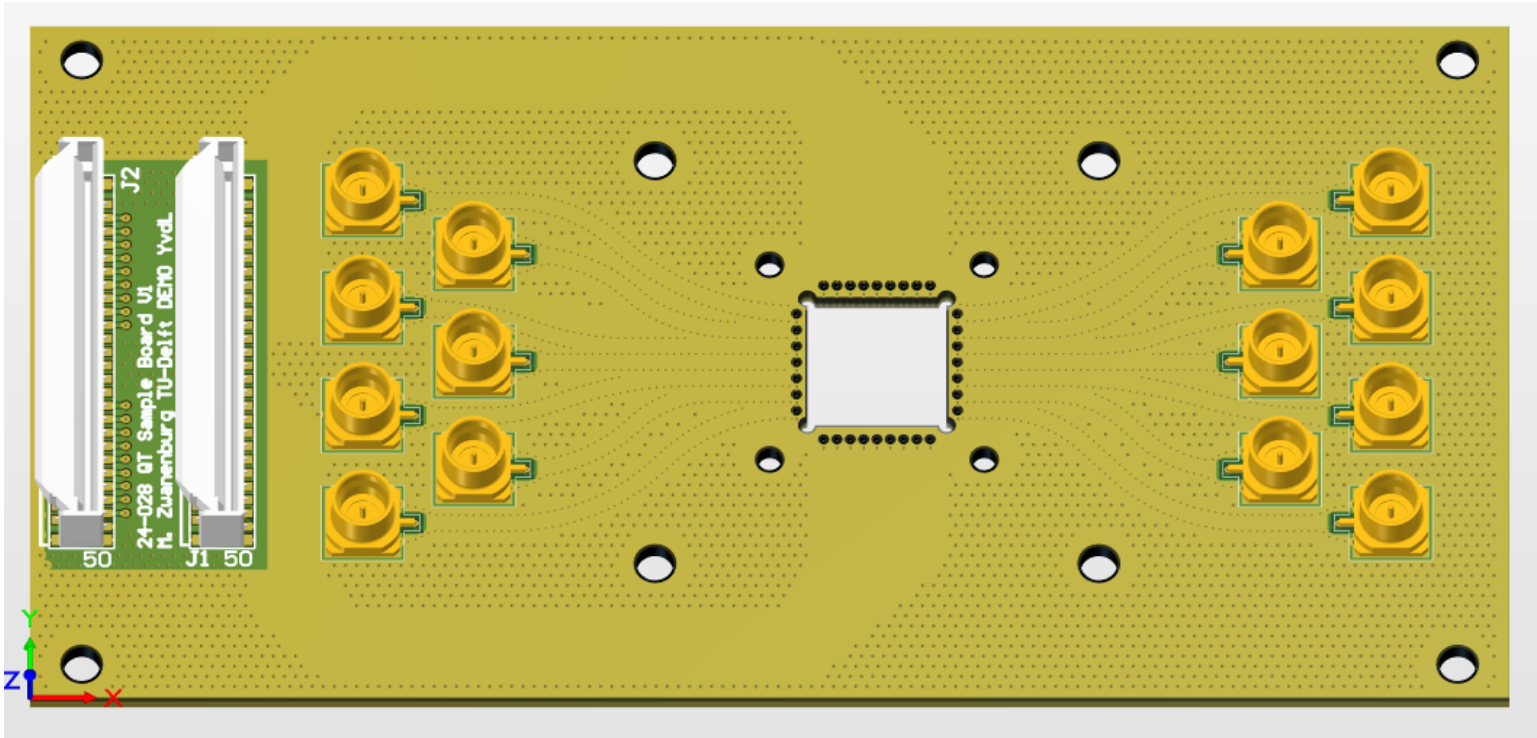
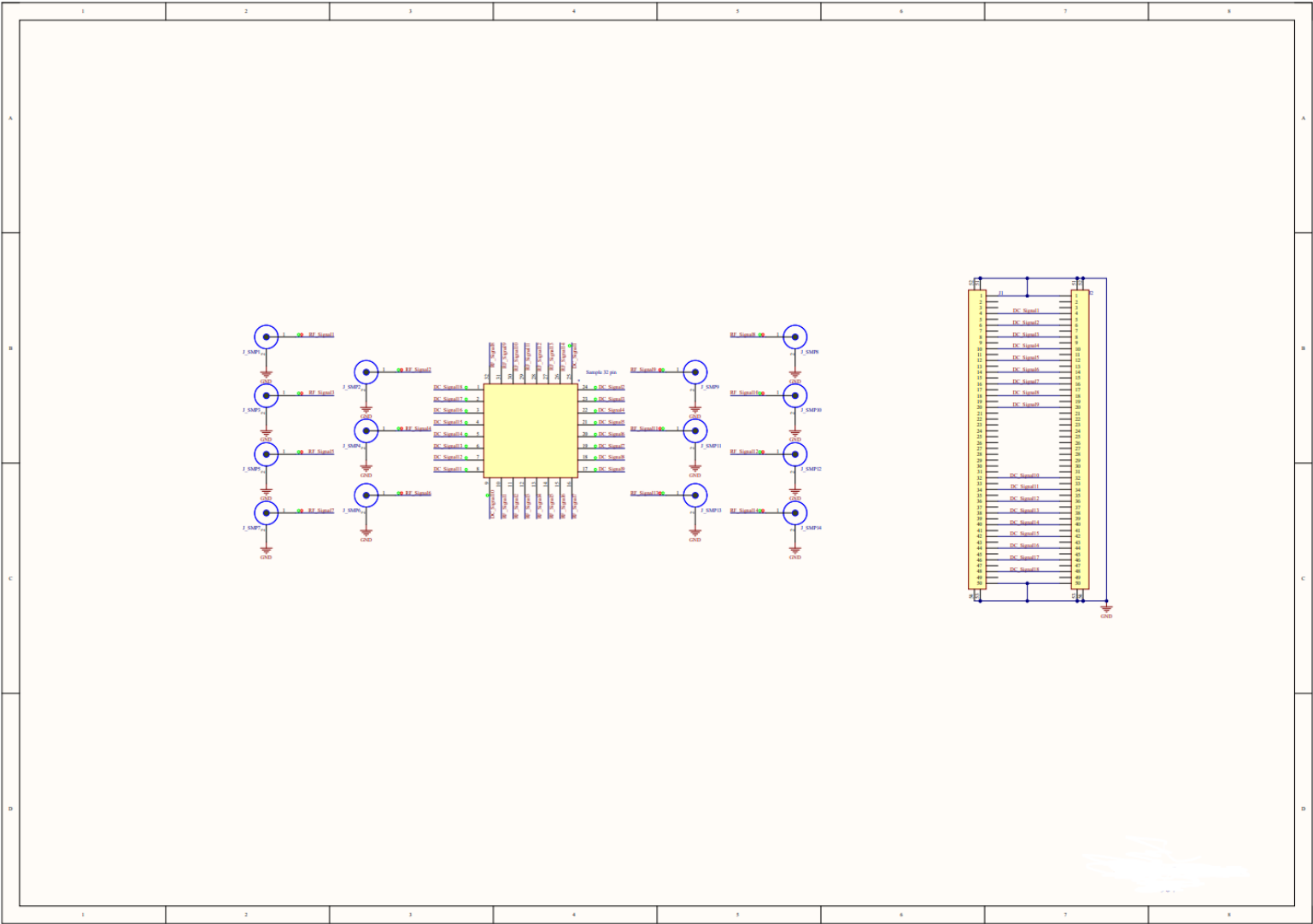
24-028

QT Sample Board

M. Zwanenburg

Size (L x W x t) (mm)	100 x 50 x 1.72
Dielectric Material	RO3010 / RO4450F
Z ₀ (Design)	50Ω
Layers	4
Copper Finish	Ni / Au
RF Signals (Input)	14
RF Signals (Read-out)	0
DC Signals	20
Connector Type (RF)	SMP
Connector Type (DC)	FFC50 Straight

[Schematic](#)



Filter & Interface Boards

Filter Boards

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Interface Boards

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