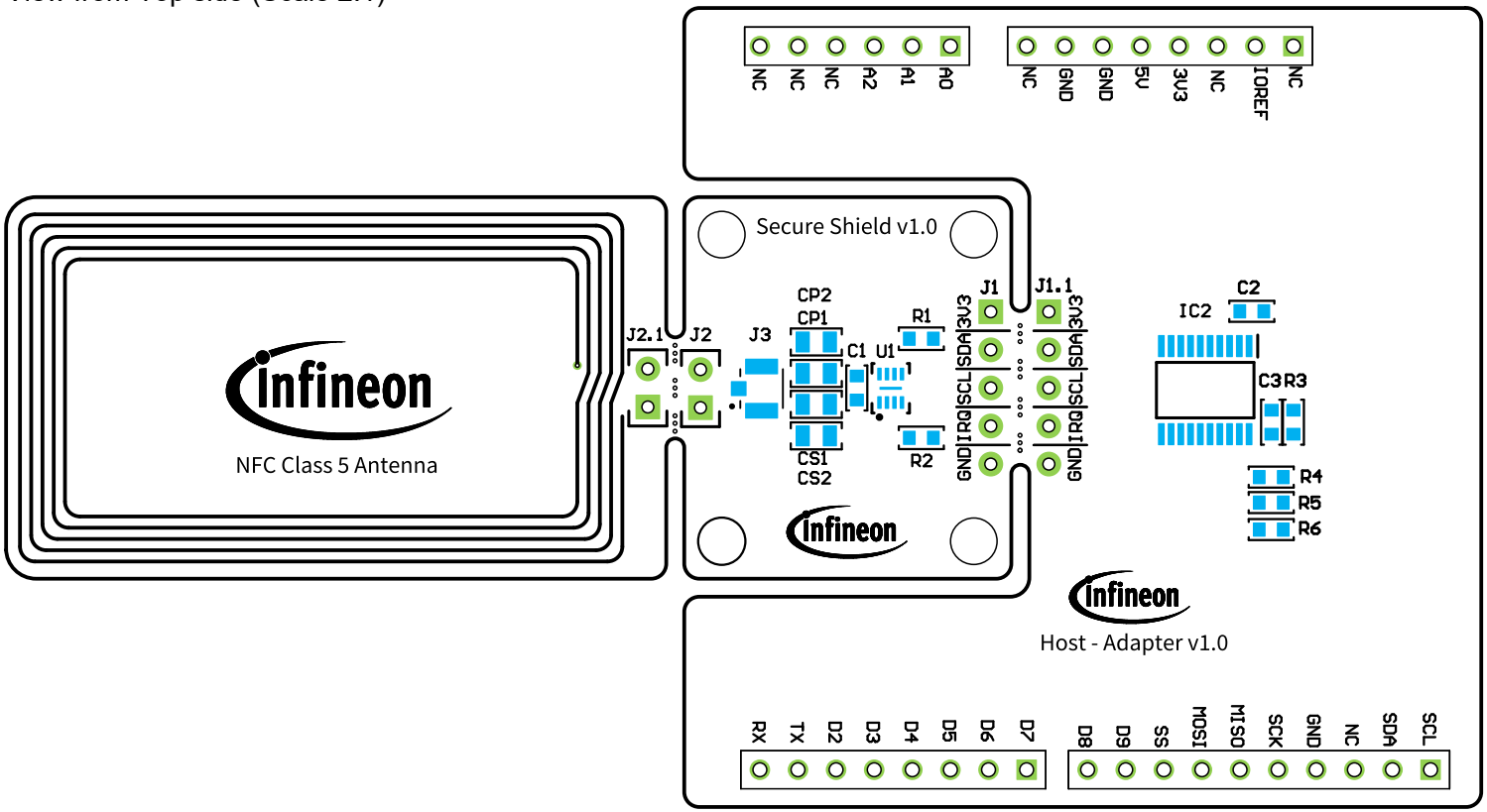
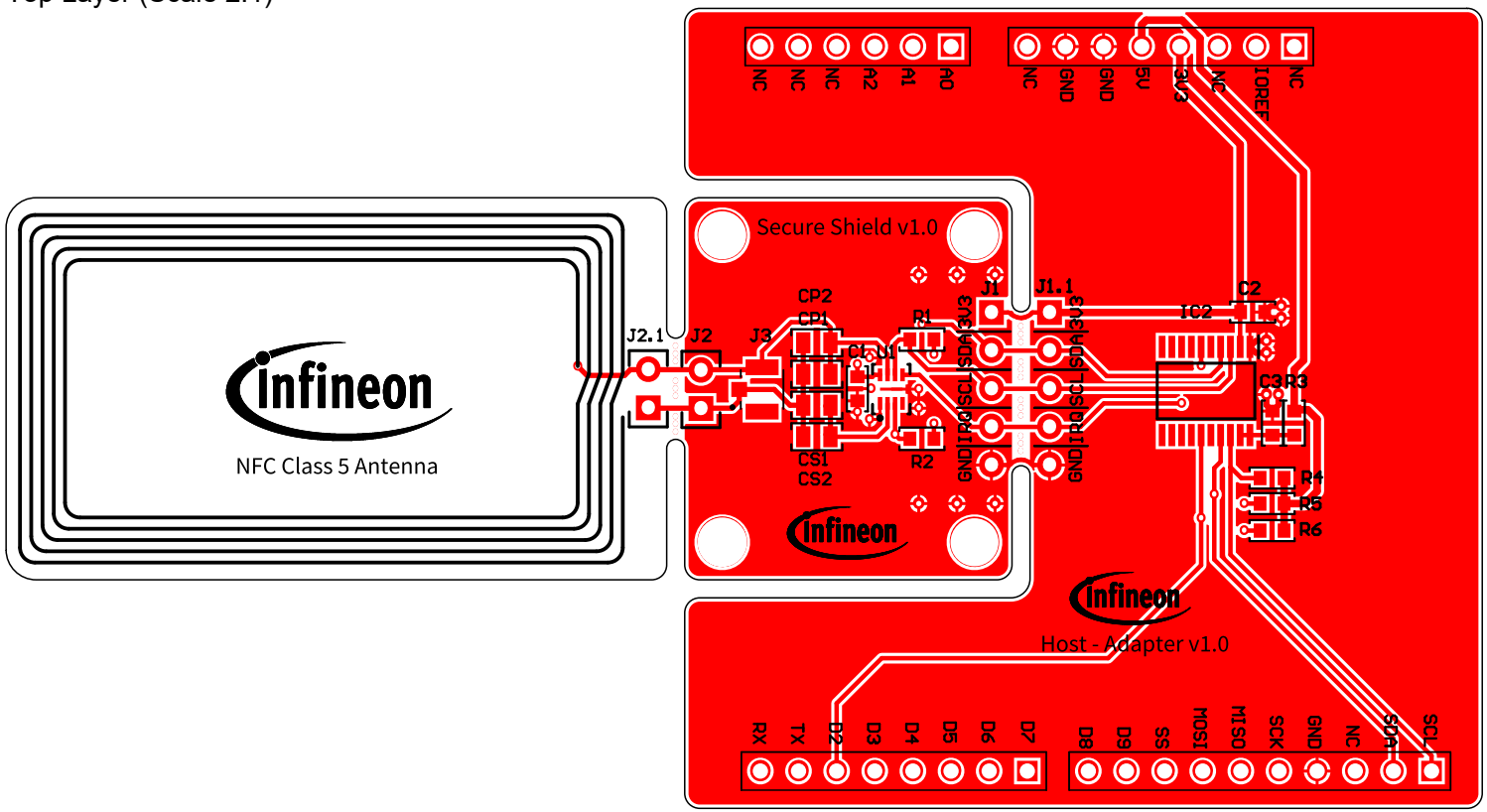
View from Top side (Scale 2:1)



Title:	OPTIGA™ Authenticate NBT Development Shield
Variant:	NBT Secure Shield v1.0 with Arduino UNO-compatible adapter
Document Name:	Layout and assembly.PCBDwf
Size:	A4
Sheet:	1 of 4
Revision:	V1.0
Date:	28.06.2024

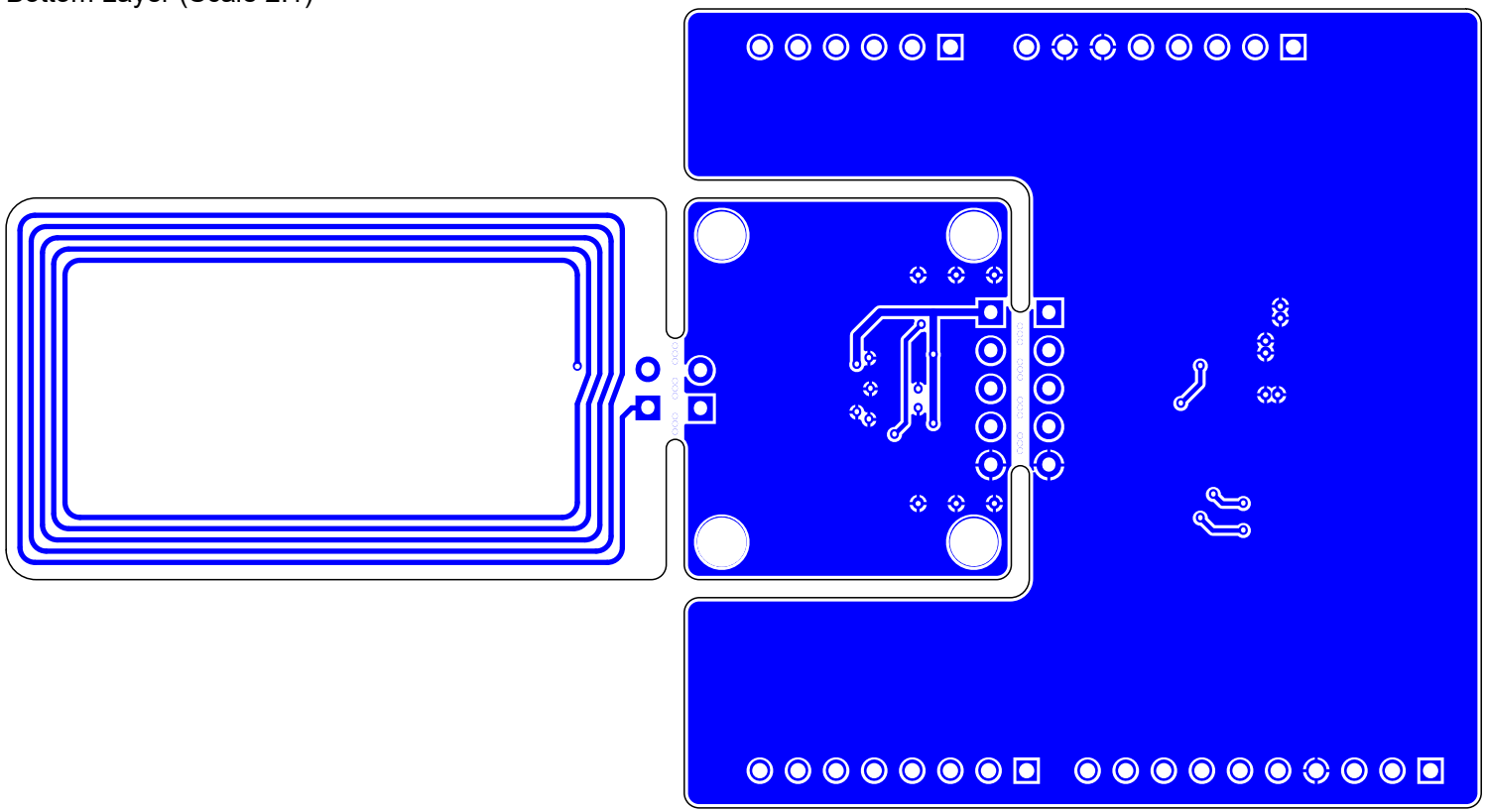
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Top Layer (Scale 2:1)



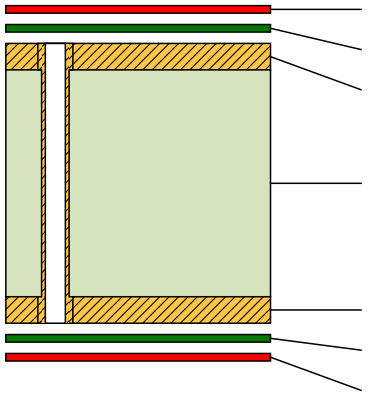
Title: OPTIGA™ Authenticate NBT Development Shield			
Variant: NBT Secure Shield v1.0 with Arduino UNO-compatible adapter			
Document Name: Layout and assembly.PCBDwf			
Size: A4	Sheet: 2 of 4	Revision: V1.0	
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Bottom Layer (Scale 2:1)



Title:	OPTIGA™ Authenticate NBT Development Shield
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Layer Stack Legend



Material	Layer	Thickness	Dielectric Material	Type	Gerber
	Top Overlay			Legend	GTO
Surface Material	Top Solder	0.010mm	Solder Resist	Solder Mask	GTS
Copper	**Top Layer**	**0.035mm**		**Signal**	**GTL**
Core		*1.550mm*	*FR-4*	*Dielectric*	
Copper	**Bottom Layer**	**0.035mm**		**Signal**	**GBL**
Surface Material	Bottom Solder	0.010mm	Solder Resist	Solder Mask	GBS
	Bottom Overlay			Legend	GBO

Total thickness: 1.640mm

Title: OPTIGA™ Authenticate NBT Development Shield		
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