

Fabrication information

Fabrication Specifications

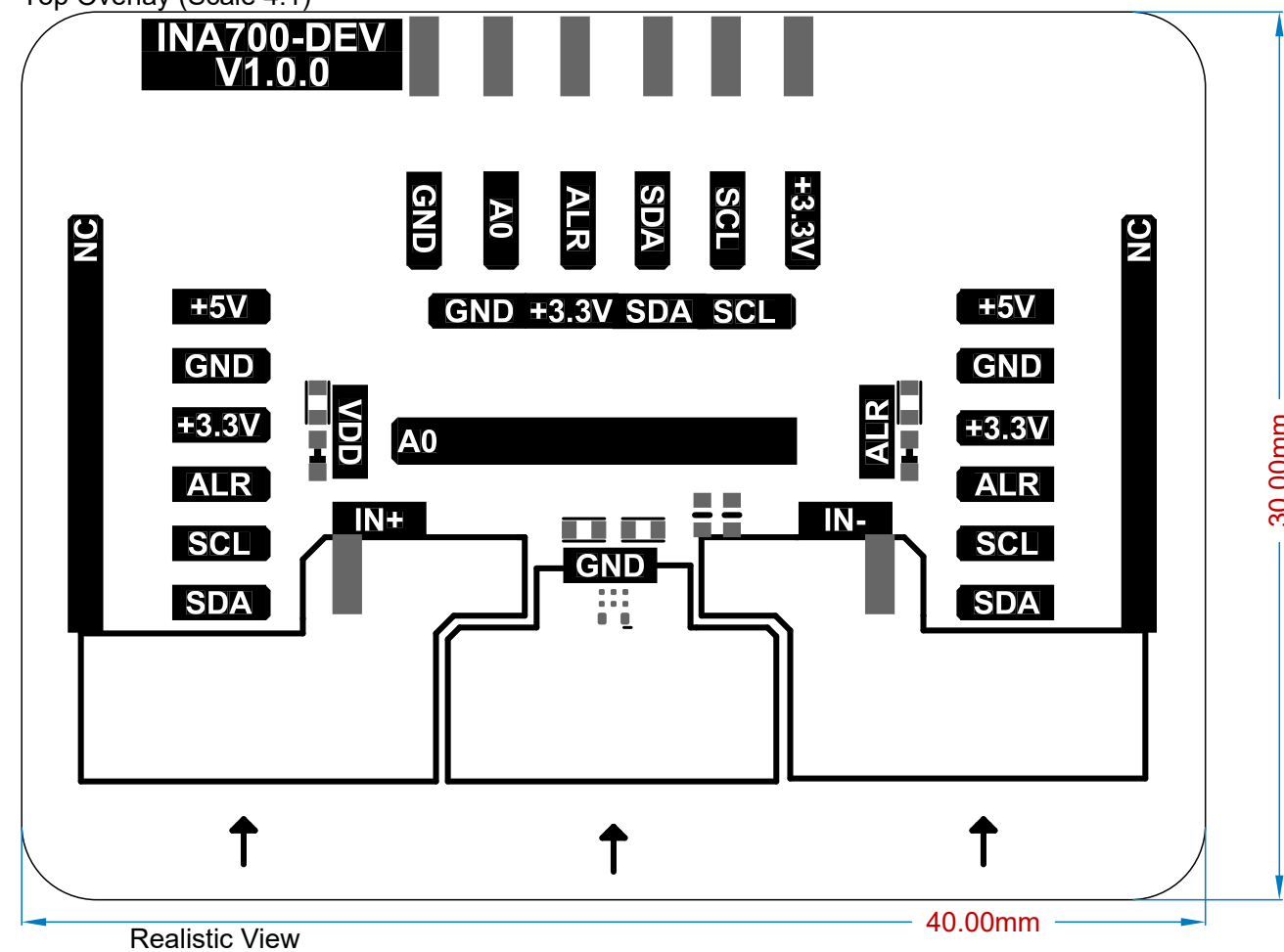
Layer Stack Legend						
	Material	Layer	Thickness	Dielectric Material	Type	Gerber
		Top Overlay			Legend	GTO
	Surface Material	Top Solder	0.010mm	SM-002	Solder Mask	GTS
	Nickel, Gold	Top Surface Finish	0.018mm		Surface Finish	
	CF-003	Top Layer	0.018mm		Signal	GTL
	Prepreg		0.180mm	PP-021	Dielectric	
	Prepreg		0.180mm	PP-021	Dielectric	
	CF-004	Mid-Layer 1	0.035mm		Signal	G1
	Core		0.711mm	Core-039	Dielectric	
	CF-004	Mid-Layer 2	0.035mm		Signal	G2
	Prepreg		0.180mm	PP-021	Dielectric	
	Prepreg		0.180mm	PP-021	Dielectric	
	CF-003	Bottom Layer	0.018mm		Signal	GBL
	Nickel, Gold	Bottom Surface Finish	0.018mm		Surface Finish	
	Surface Material	Bottom Solder	0.010mm	SM-002	Solder Mask	GBS
		Bottom Overlay			Legend	GBO
Total thickness: 1.595mm						

BASE MATERIAL:	FR-4
TG:	≥145
<u>FINISH</u>	
SURFACE FINISH:	See layer stack
HARD GOLD (CONTACT AREA):	No
ROHS COMPLAINT:	Yes
LEADFREE:	Yes
<u>MARKING</u>	
BASE MATERIAL UL MARKING:	Yes, on Bottom
DATECODE:	Yes, on Bottom
<u>SILKSCREEN</u>	
TOP:	Yes
BOTTOM:	Yes
COLOR:	White
<u>SOLDERMASK</u>	
TOP:	Yes
BOTTOM:	Yes
COLOR:	Matte black
<u>VIA'S</u>	
SOLDERRESIST ON VIA:	Yes
PLUGGING:	No

Flamingo Tech				PROJECT: INA700DEV	
UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN MILLIMETERS TOLERANCE: ±0.1mm				REVISION: 1.0	A3
DRAWN	The Flamingo	REVIEW	-	29/06/2024	11:49
			SHEET 1 OF 2		

Component placement - TOP

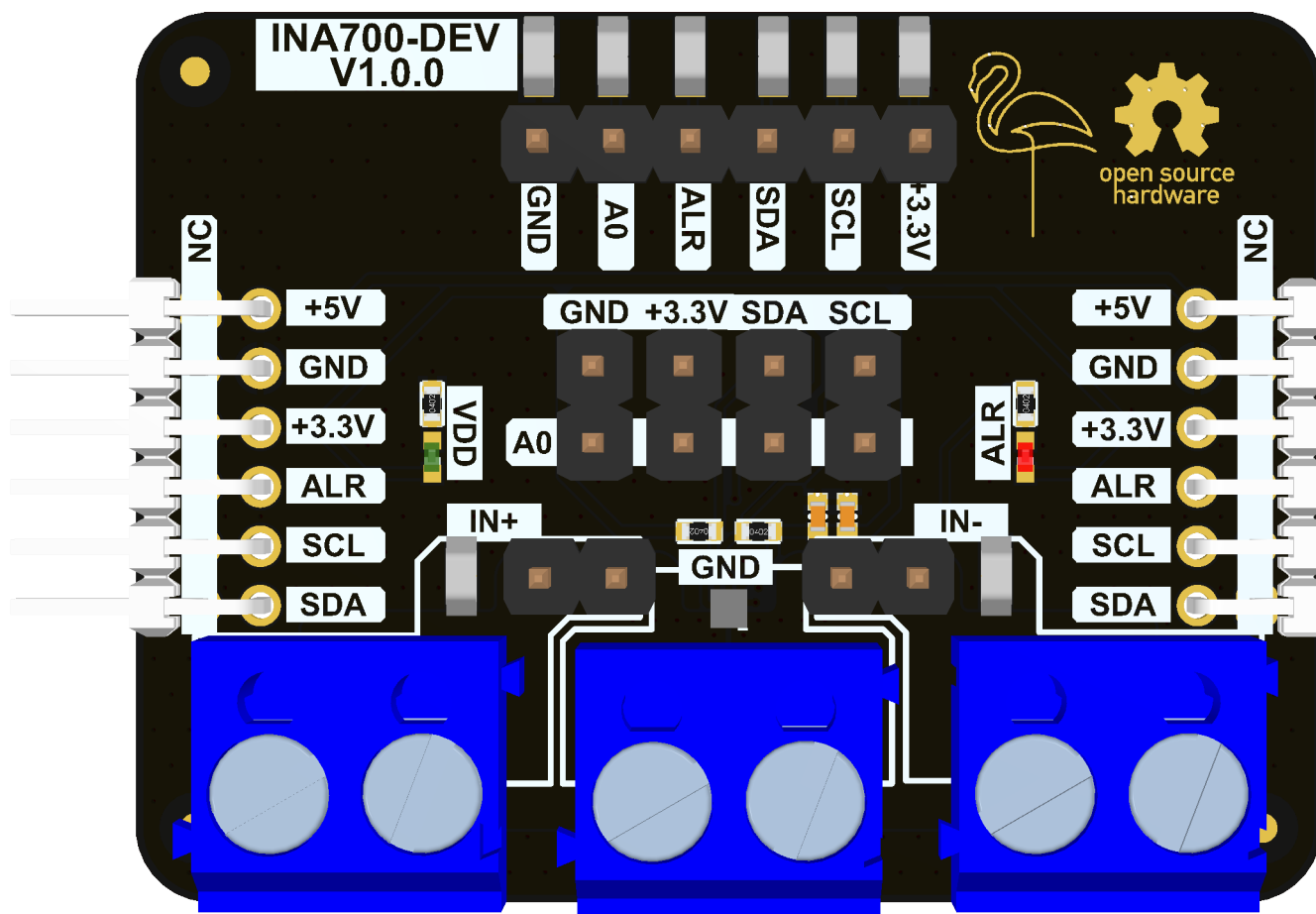
Top Overlay (Scale 4:1)



Realistic View

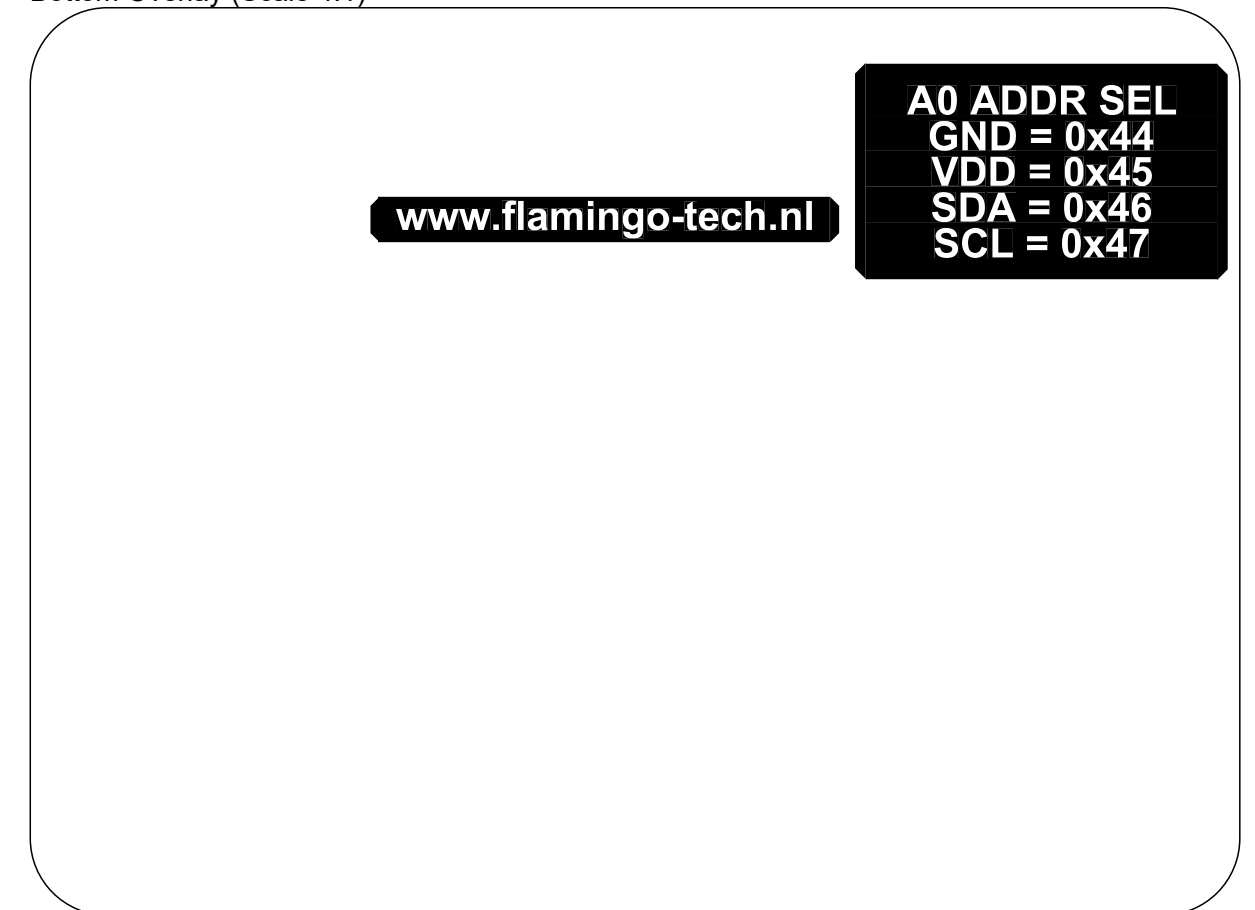
40.00mm

30.00mm

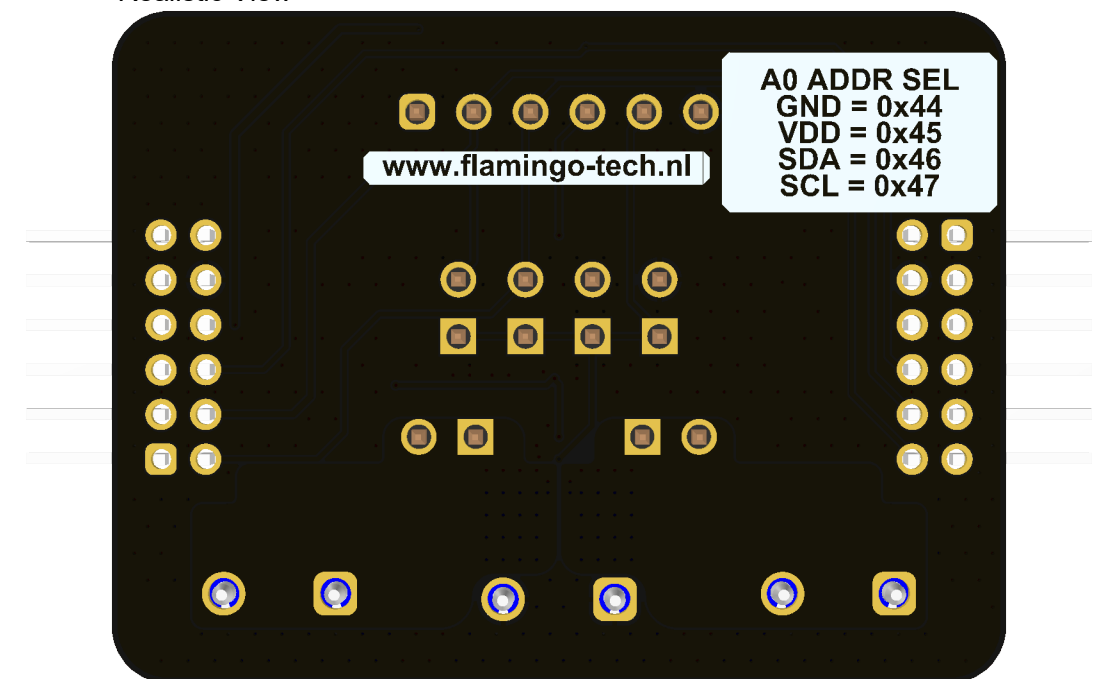


Component placement - BOTTOM

Bottom Overlay (Scale 4:1)



Realistic View



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UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN MILLIMETERS TOLERANCE: ±0.1mm			REVISION: 1.0	A3
DRAWN	The Flamingo	REVIEW	-	29/06/2024 11:50 SHEET 2 OF 2