



Symbol	Count	Hole Size	Plated	Hole Type	Drill Layer Pair	Via/Pad	Pad Shape
	4	3.500mm (137.79mil)	NPTH	Round	Top Layer - Bottom Layer	Pad	Rounded
	840	0.500mm (19.69mil)	NPTH	Round	Top Layer - Bottom Layer	Pad	Rounded
	870	0.300mm (11.81mil)	PTH	Round	Top Layer - Bottom Layer	Via	Rounded
	1714 Total						

LAYER BUILD DATA				
SHT	DESCRIPTION	PLOTFILE	EXT	P/N
1	CUTTING & DRILLING DRAWING	SMP [Panel]	GD1	-
2	TOP SIDE LEGEND	SMP [Panel]	GTO	POS
3	TOP SIDE SOLDER MASK	SMP [Panel]	GTS	NEG
4	TOP SIDE	SMP [Panel]	GTL	POS
5	BOTTOM SIDE	SMP [Panel]	GBL	POS
6	BOTTOM SIDE SOLDER MASK	SMP [Panel]	GBS	NEG
7	BOTTOM SIDE LEGEND	SMP [Panel]	GBO	POS

SOLDER STENCIL DATA				
SHT	DESCRIPTION	PLOTFILE	EXT	P/N
1	TOP SIDE SOLDER STENCIL	SMP [Panel]	GTP	POS
2	BOTTOM SIDE SOLDER STENCIL	SMP [Panel]	GBP	POS

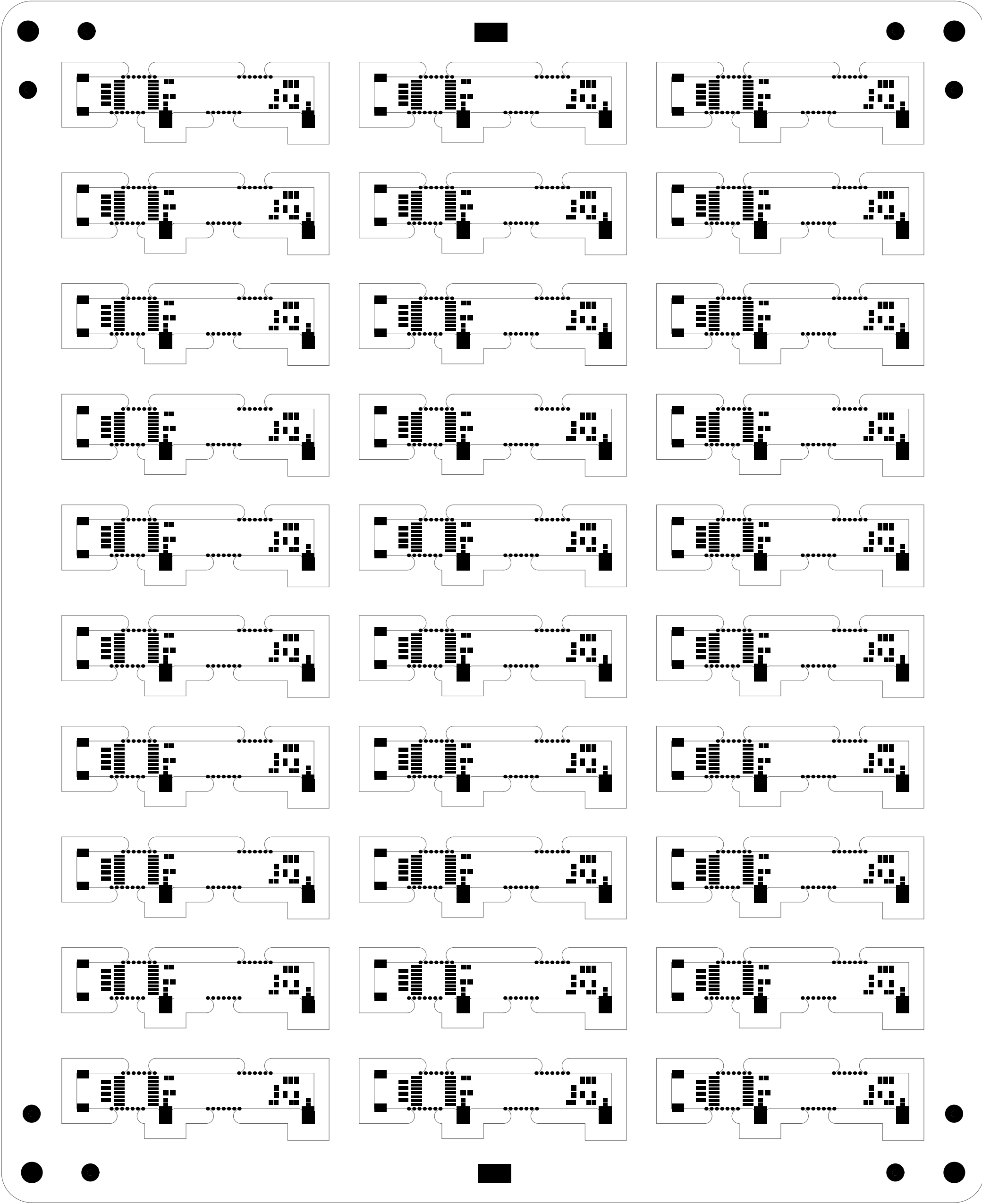
MATERIAL		
ITEM	FINAL THICKNESS	MATERIAL
Cu	35um (ON ALL LAYERS)	COPPER CLAD
PCB	1.60mm	FR4 TG130

FINISH	
ITEM	DESCRIPTION
PCB	IMMERSION GOLD
SOLDER MASK	BLUE PHOTO-IMAGEABLE
LEGEND	WHITE EPOXY

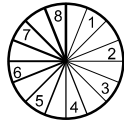
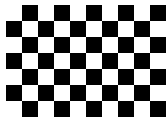
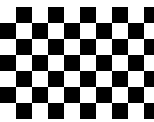
<div><div><div>GENTICK</div><div>ELECTRONICS</div><div>EXPERTS IN TELEMETRY SYSTEMS</div></div><div></div></div>			UNITS						TITLE SMP PCB (CUTTING & DRILLING DRAWING)				
			METRIC										
			SCALE							N/A			
TOLERANCES UNLESS OTHERWISE STATED				EDM	-	-	19/11/2024	01	-	DWG NUMBER	-	PCB VER	SHEET NO.
1 = +/-0.2	1.0 = +/-0.1	1.00 = +/-0.05		DRAWN	CHECKED	APPROVED	DATE	DOC REV.	ECR NO.	SOURCE	SMP [Panel].PcbDoc	11.00	SHEET 1 OF 7



<div><div><div>GENTICK</div><div>ELECTRONICS</div><div>EXPERTS IN TELEMETRY SYSTEMS</div></div><div></div></div>									TITLE SMP PCB TOP SIDE LEGEND			
				EDM	-	-	19/11/2024	01	-	DWG NUMBER	-	PCB VER
PLOTFILE	SMP [Panel]	GTO	DRAWN	CHECKED	APPROVED	DATE	DOC REV.	ECR NO.	SOURCE	SMP [Panel].PcbDoc	11.00	SHEET 2 OF 7



<div><div><div>GENTICK</div><div>ELECTRONICS</div><div>EXPERTS IN TELEMETRY SYSTEMS</div></div><div></div></div>									TITLE SMP PCB TOP SIDE SOLDER MASK			
				EDM	-	-	19/11/2024	01	-	DWG NUMBER	-	PCB VER
PLOTFILE	SMP [Panel]	GTS	DRAWN	CHECKED	APPROVED	DATE	DOC REV.	ECR NO.	SOURCE	SMP [Panel].PcbDoc	11.00	SHEET 3 OF 7

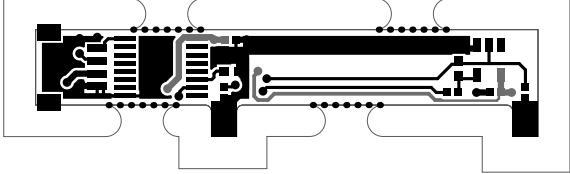
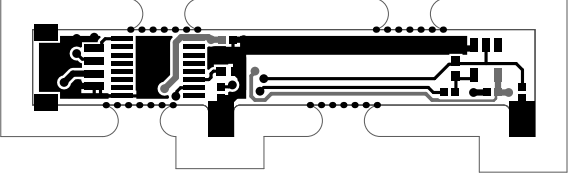
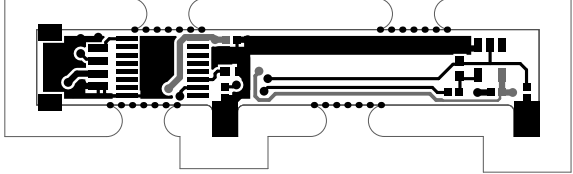
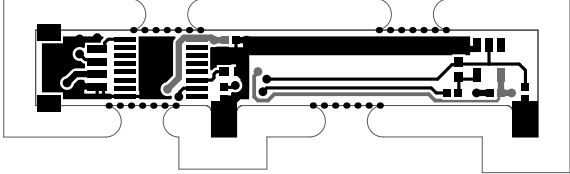
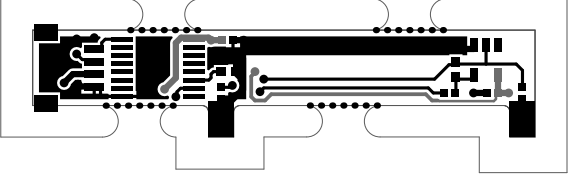
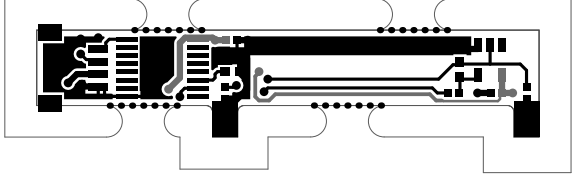
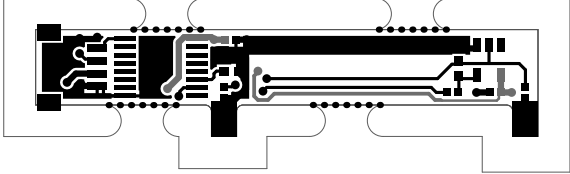
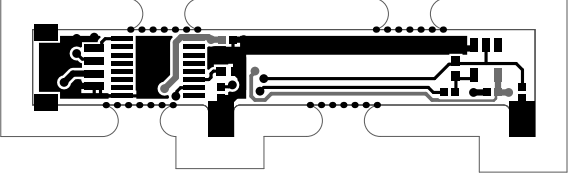
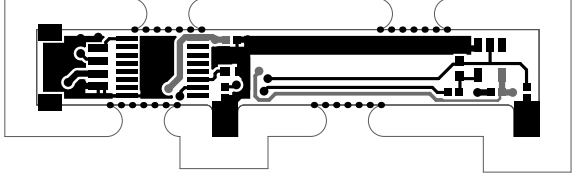
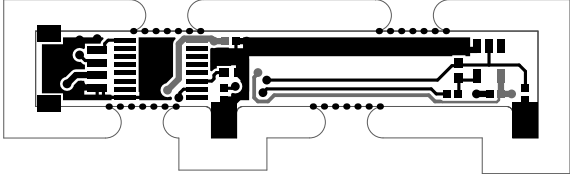
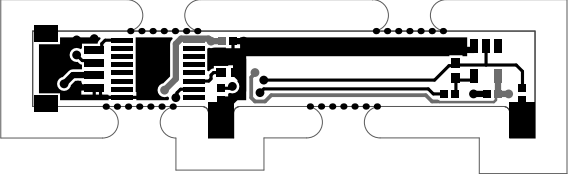
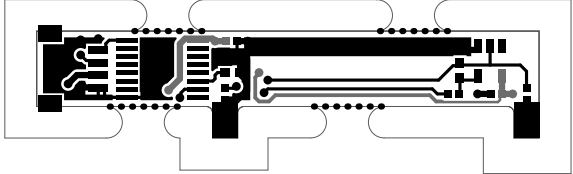
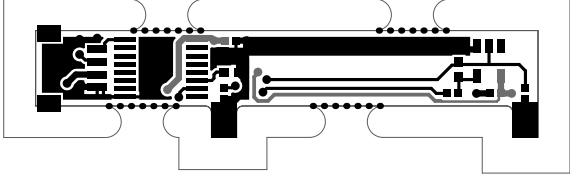
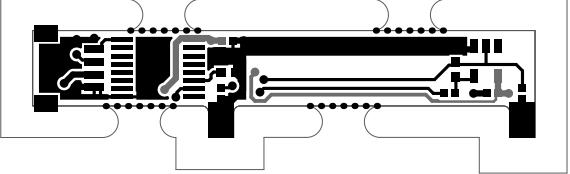
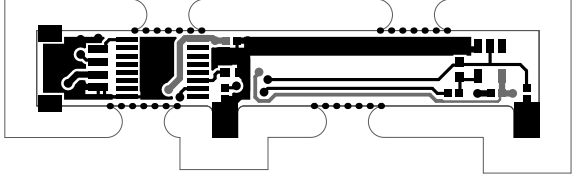
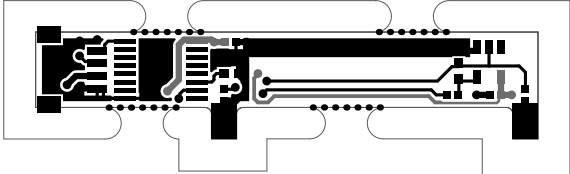
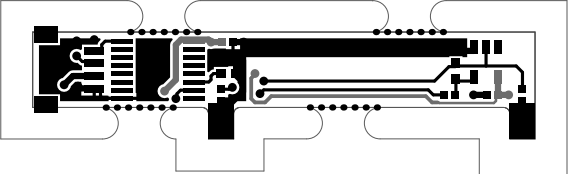
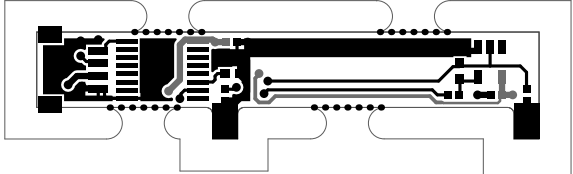
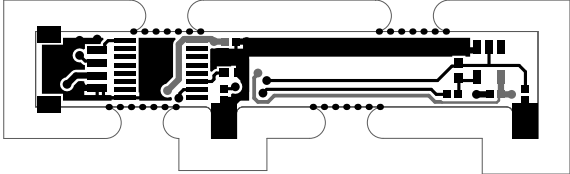
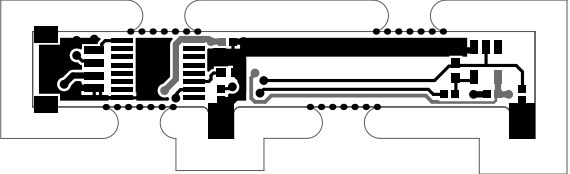
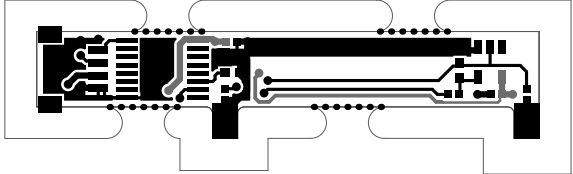
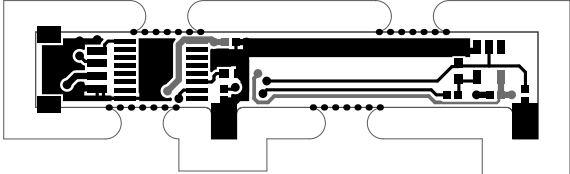
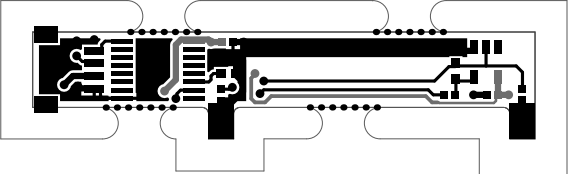
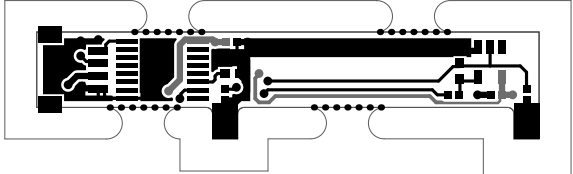
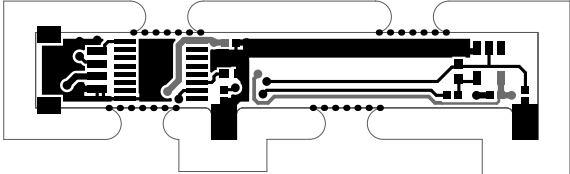
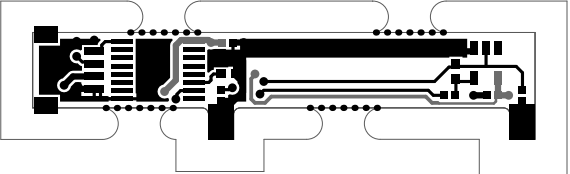
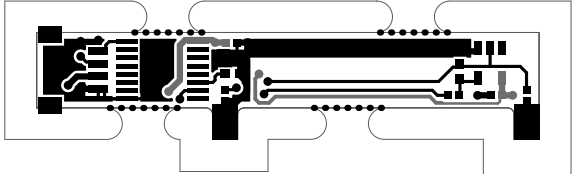
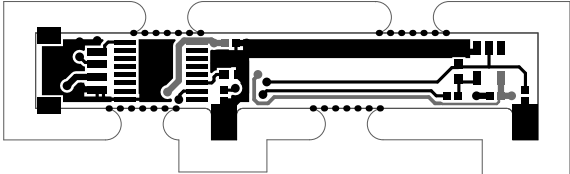
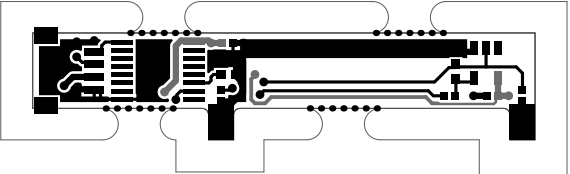
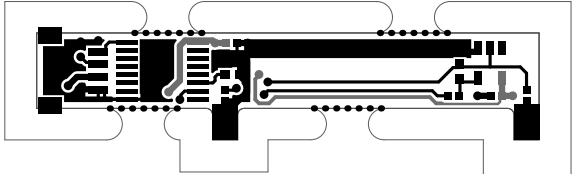


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COPPER THICKNESS	35um
PCB THICKNESS	1.60mm
SOLDER MASK	BLUE
LEGEND	WHITE EPOXY

COPPER THICKNESS	35um
PCB THICKNESS	1.60mm
SOLDER MASK	BLUE
LEGEND	WHITE EPOXY



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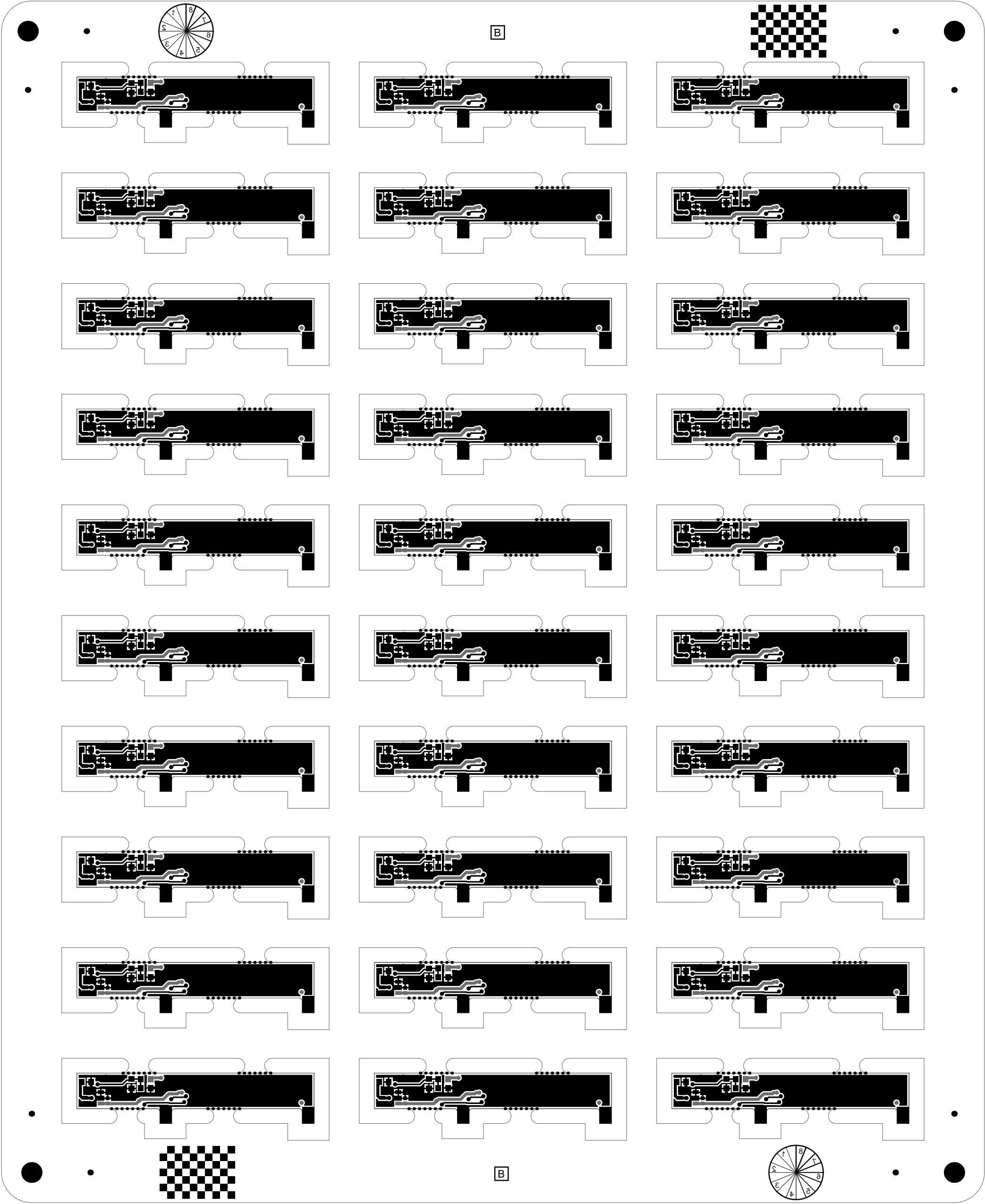



EDM	-	-	19/11/2024	01	-	
DRAWN	CHECKED	APPROVED	DATE	DOC REV.	ECR NO.	

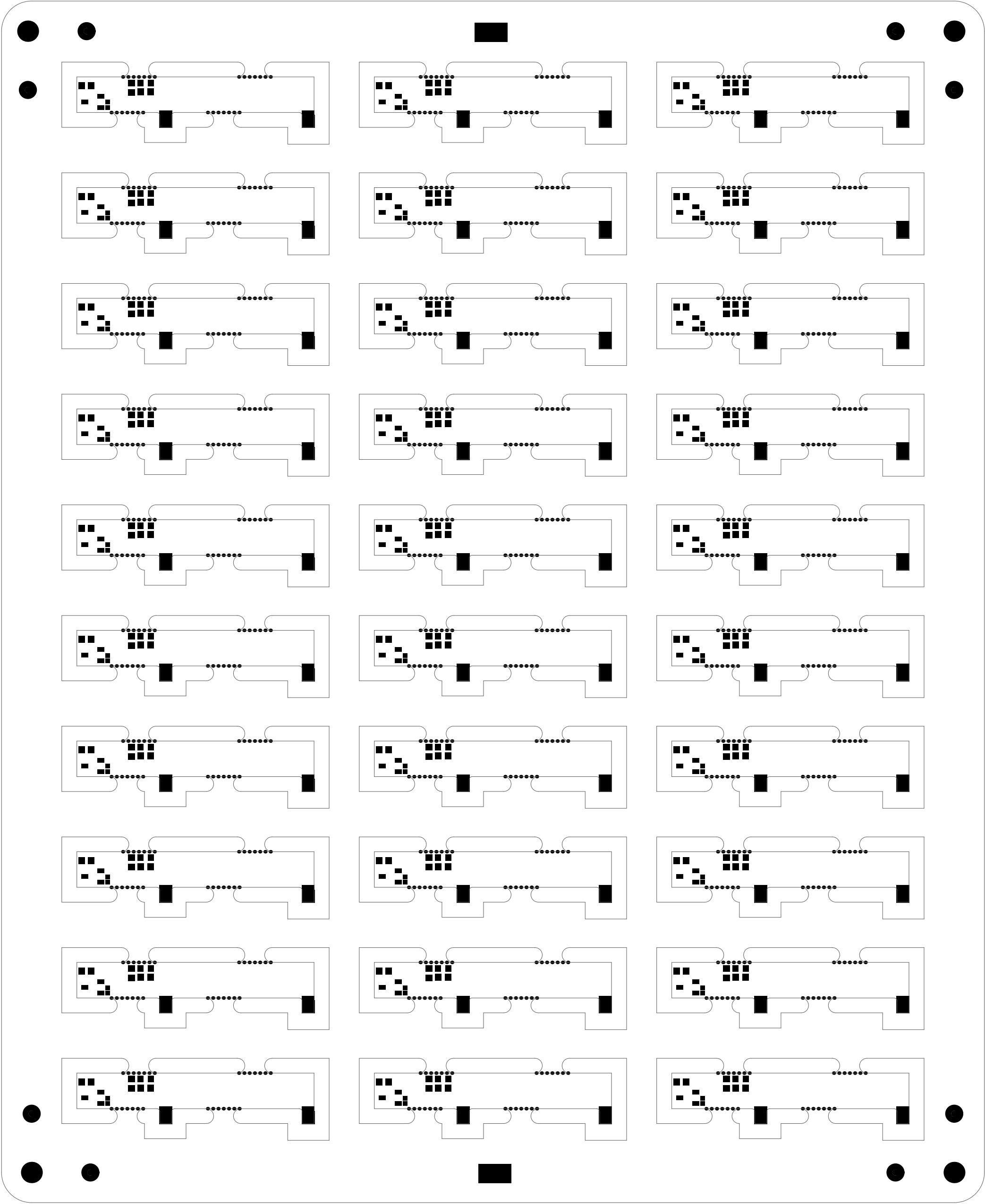
TITLE

SMP PCB
TOP SIDE

DWG NUMBER	-	PCB VER	SHEET NO.
SOURCE	SMP [Panel].PcbDoc	11.00	SHEET 4 OF 7



<div><div><div>GENTICK</div><div>ELECTRONICS</div><div>EXPERTS IN TELEMETRY SYSTEMS</div></div><div></div></div>									TITLE SMP PCB BOTTOM SIDE			
				EDM	-	-	19/11/2024	01	-	DWG NUMBER	-	PCB VER
PLOTFILE	SMP [Panel]	GBL	DRAWN	CHECKED	APPROVED	DATE	DOC REV.	ECR NO.	SOURCE	SMP [Panel].PcbDoc	11.00	SHEET 5 OF 7



<div><div><div>GENTICK</div><div>ELECTRONICS</div><div>EXPERTS IN TELEMETRY SYSTEMS</div></div><div></div></div>									TITLE SMP PCB BOTTOM SIDE SOLDER MASK			
				EDM	-	-	19/11/2024	01	-	DWG NUMBER	-	PCB VER
PLOTFILE	SMP [Panel]	GBS	DRAWN	CHECKED	APPROVED	DATE	DOC REV.	ECR NO.	SOURCE	SMP [Panel].PcbDoc	11.00	SHEET 6 OF 7



<div><div><div>GENTICK</div><div>ELECTRONICS</div><div>EXPERTS IN TELEMETRY SYSTEMS</div></div><div></div></div>									TITLE SMP PCB BOTTOM SIDE LEGEND			
				EDM	-	-	19/11/2024	01	-	DWG NUMBER	-	PCB VER
PLOTFILE	SMP [Panel]	GBO	DRAWN	CHECKED	APPROVED	DATE	DOC REV.	ECR NO.	SOURCE	SMP [Panel].PcbDoc	11.00	SHEET 7 OF 7