

Symbol	Count	Hole Size	Plated	Via/Pad	Hole Type	Drill Layer Pair	Pad Shape	Template
✕	1	1,000mm <39,37mil>	PTH	Pad	Round	1.Top Layer - 4.Bottom Layer	Rounded	c190h100
E	1	1,600mm <62,99mil>	NPTH	Pad	Round	1.Top Layer - 4.Bottom Layer	Rectangle	s0hn160
▣	1	3,000mm <118,11mil>	PTH	Pad	Slot	1.Top Layer - 4.Bottom Layer	Rounded	r550_450h300_400r100m550_450
F	1	3,700mm <145,67mil>	PTH	Pad	Round	1.Top Layer - 4.Bottom Layer	Rounded	c600h370z550x530
K	2	0,600mm <23,62mil>	PTH	Pad	Slot	1.Top Layer - 4.Bottom Layer	Rounded	<Mixed>
L	2	0,600mm <23,62mil>	PTH	Pad	Slot	1.Top Layer - 4.Bottom Layer	Rounded	<Mixed>
D	2	0,650mm <25,59mil>	PTH	Pad	Slot	1.Top Layer - 4.Bottom Layer	Rounded	r135_95h65_105r100p125_85
C	2	0,700mm <27,56mil>	PTH	Pad	Slot	1.Top Layer - 4.Bottom Layer	Rounded	r150_100h70_120r100p140_90
☆	2	0,700mm <27,56mil>	NPTH	Pad	Round	1.Top Layer - 4.Bottom Layer	Rounded	c65hn70
▼	2	1,800mm <70,87mil>	PTH	Pad	Round	1.Top Layer - 4.Bottom Layer	Rounded	c260h180
◎	2	3,400mm <133,86mil>	NPTH	Pad	Round	1.Top Layer - 4.Bottom Layer	Rounded	c320hn340
⊗	3	1,100mm <43,31mil>	NPTH	Pad	Round	1.Top Layer - 4.Bottom Layer	<Mixed>	<Mixed>
⊕	4	1,300mm <51,18mil>	PTH	Pad	Round	1.Top Layer - 4.Bottom Layer	<Mixed>	<Mixed>
G	4	3,200mm <125,98mil>	PTH	Pad	Round	1.Top Layer - 4.Bottom Layer	Rounded	c700h320
B	6	1,000mm <39,37mil>	NPTH	Pad	Round	1.Top Layer - 4.Bottom Layer	Rounded	c0hn100
A	8	2,380mm <93,70mil>	NPTH	Pad	Round	1.Top Layer - 4.Bottom Layer	Rounded	c0hn238
✱	10	0,950mm <37,40mil>	PTH	Pad	Round	1.Top Layer - 4.Bottom Layer	<Mixed>	<Mixed>
⊗	10	1,150mm <45,28mil>	PTH	Pad	Round	1.Top Layer - 4.Bottom Layer	<Mixed>	<Mixed>
J	17	0,200mm <7,87mil>	PTH	Via	Round	1.Top Layer - 4.Bottom Layer	Rounded	v50h20m39
⊕	19	1,200mm <47,24mil>	PTH	Pad	Round	1.Top Layer - 4.Bottom Layer	<Mixed>	<Mixed>
I	25	0,300mm <11,81mil>	PTH	Via	Round	1.Top Layer - 4.Bottom Layer	Rounded	v68h30m54<To15-5>
✕	36	1,020mm <40,16mil>	PTH	Pad	Round	1.Top Layer - 4.Bottom Layer	Rounded	<Mixed>
◇	196	0,300mm <11,81mil>	PTH	<Mixed>	Round	1.Top Layer - 4.Bottom Layer	Rounded	<Mixed>
H	444	0,200mm <7,87mil>	PTH	Via	Round	1.Top Layer - 4.Bottom Layer	Rounded	<Mixed>
	800 Total							

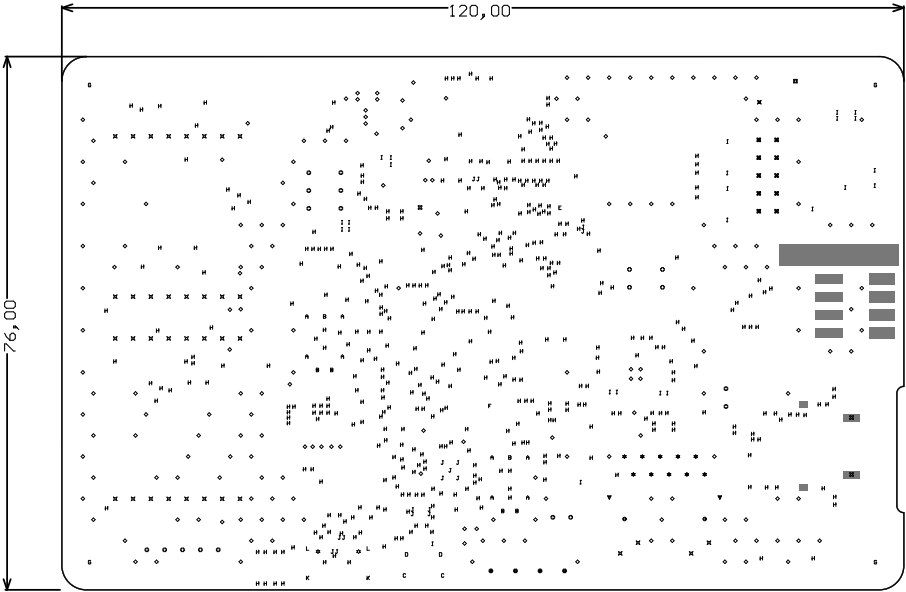
Slot definitions : Routed Path Length = Calculated from tool start centre position to tool end centre position.
Hole Length = Routed Path Length + Tool Size = Slot length as defined in the PCB layout

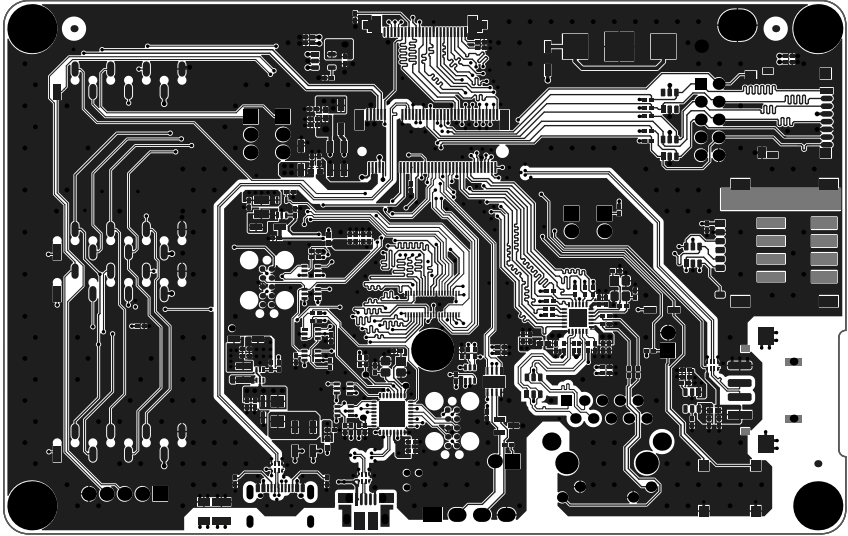
Target imp. (Ω)	Type	Trace layer	Trace width (mm)	Gap (mm)	Reference layers
50	Single	Top-L1/Bot-L4	0,190	-	GND L2 / PWR L3

Target imp. (Ω)	Type	Trace layer	Trace width (mm)	Gap (mm)	Reference layers
90	Diff pair	Top-L1/Bot-L4	0,160	0,150	GND L2 / PWR L3
100	Diff pair	Top-L1/Bot-L4	0,150	0,220	GND L2 / PWR L3

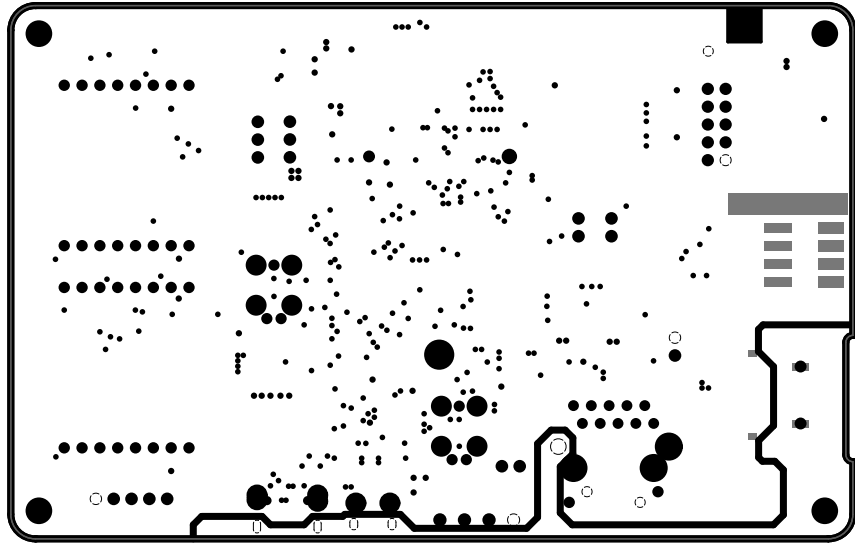
Layer	Name	Material	Thickness	Constant	Board Layer Stack
	Top Overlay				
	Top Solder	Solder Resist	0,020mm	3.8	
1	1.Top Layer		0,018mm		
	Dielectric 2	PP-006	0,120mm	4.2	
2	2.Plane1	CF-004	0,035mm		
	Dielectric 1	FR-4	1,200mm	4.2	
3	3.Plane2	CF-004	0,035mm		
	Dielectric 3	PP-006	0,120mm	4.2	
4	4.Bottom Layer		0,018mm		
	Bottom Solder	Solder Resist	0,020mm	3.8	
	Bottom Overlay				

Simplia Electronics
Ref.: CARRIER_IMXRT_02
Layer: Drill / Specifications
Date: 25/06/2021
Dibujado: JGG

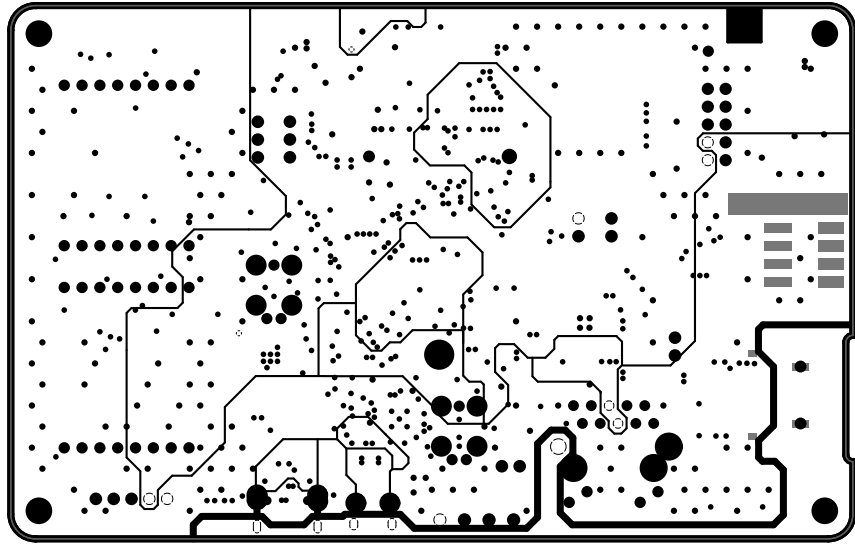




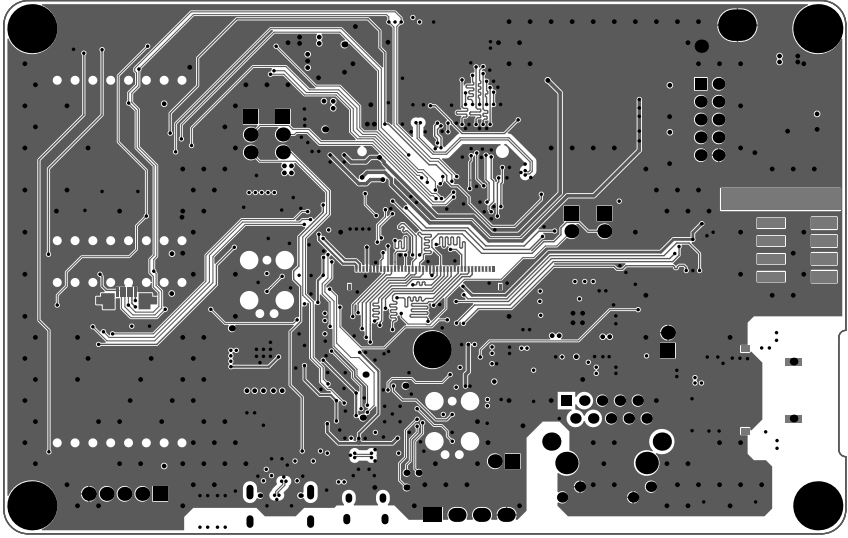
Simplia Electronics
Ref.: CARRIER_IMXRT_02
Layer: 1,Top Layer
Date: 25/06/2021
Dibujado: JGG



Simplia Electronics
Ref.: CARRIER_IMXRT_02
Layer: 2,Top Plane
Date: 25/06/2021
Dibujado: JGG



Simplia Electronics
Ref.: CARRIER_IMXRT_02
Layer: 3,Bottom Plane
Date: 25/06/2021
Dibujado: JGG

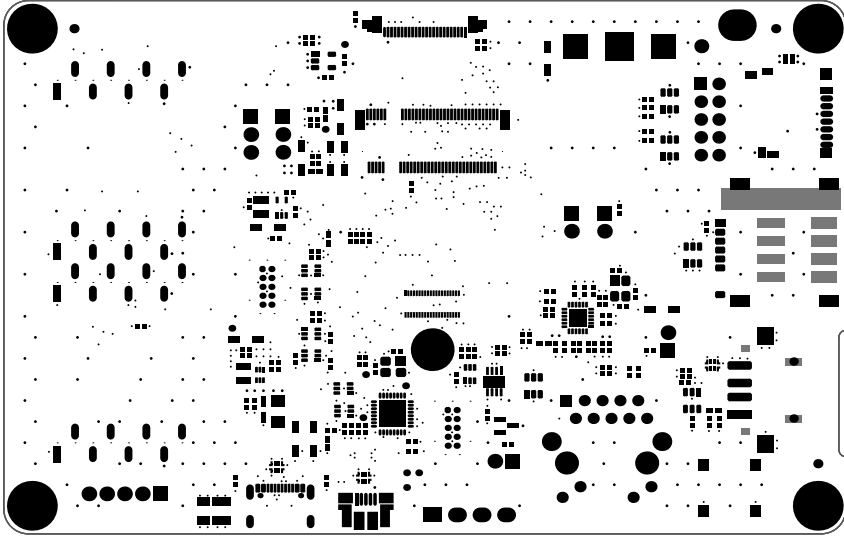


Simplia Electronics
Ref.: CARRIER_IMXRT_02
Layer: 4,Bottom Layer
Date: 25/06/2021
Dibujado: JGG

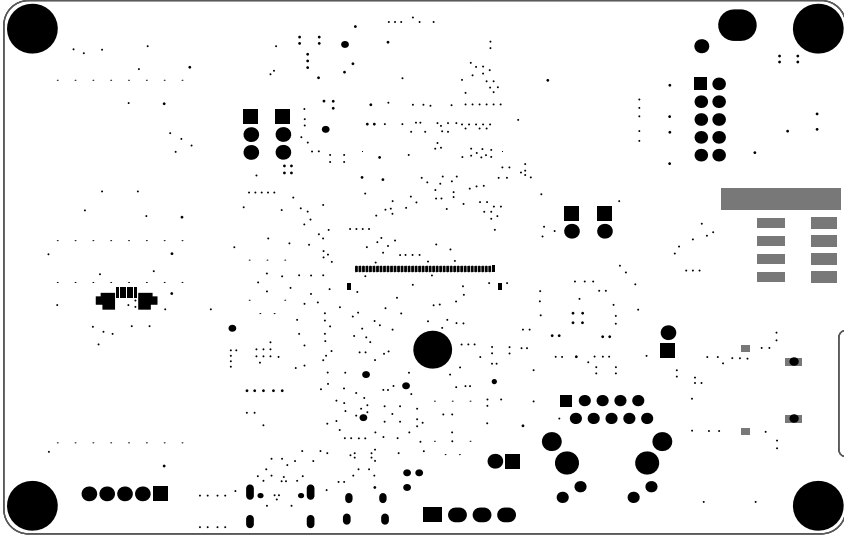


Simplia Electronics
Ref.: CARRIER_IMXRT_02
Layer: Top Overlay
Date: 25/06/2021
Dibujado: JGG

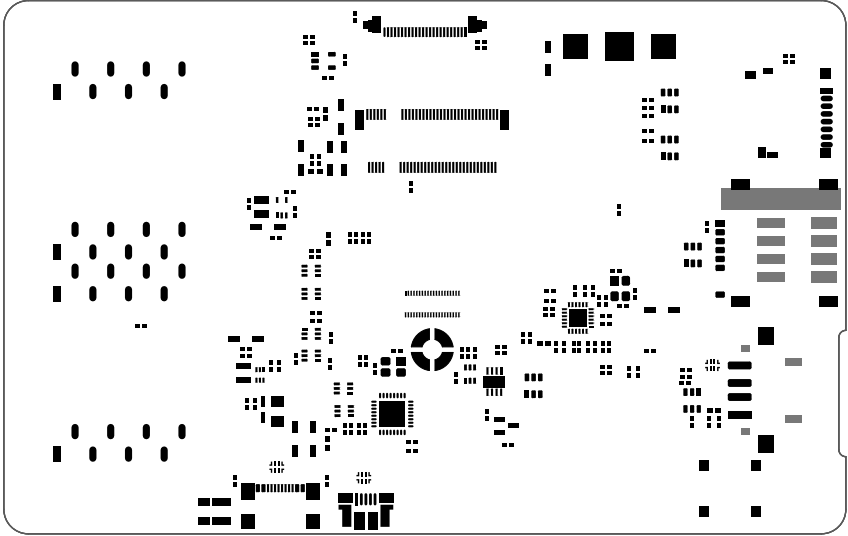




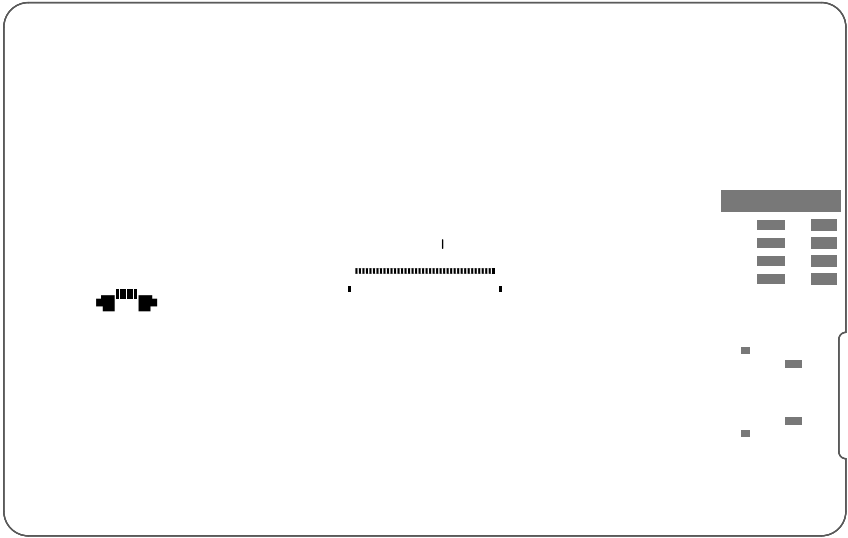
Simplia Electronics
Ref.: CARRIER_IMXRT_02
Layer: Top Solder
Date: 25/06/2021
Dibujado: JGG



Simplia Electronics
Ref.: CARRIER_IMXRT_02
Layer: Bottom Solder
Date: 25/06/2021
Dibujado: JGG



Simplia Electronics
Ref.: CARRIER_IMXRT_02
Layer: Top Paste
Date: 25/06/2021
Dibujado: JGG



Simplia Electronics
Ref.: CARRIER_IMXRT_02
Layer: Bottom Paste
Date: 25/06/2021
Dibujado: JGG