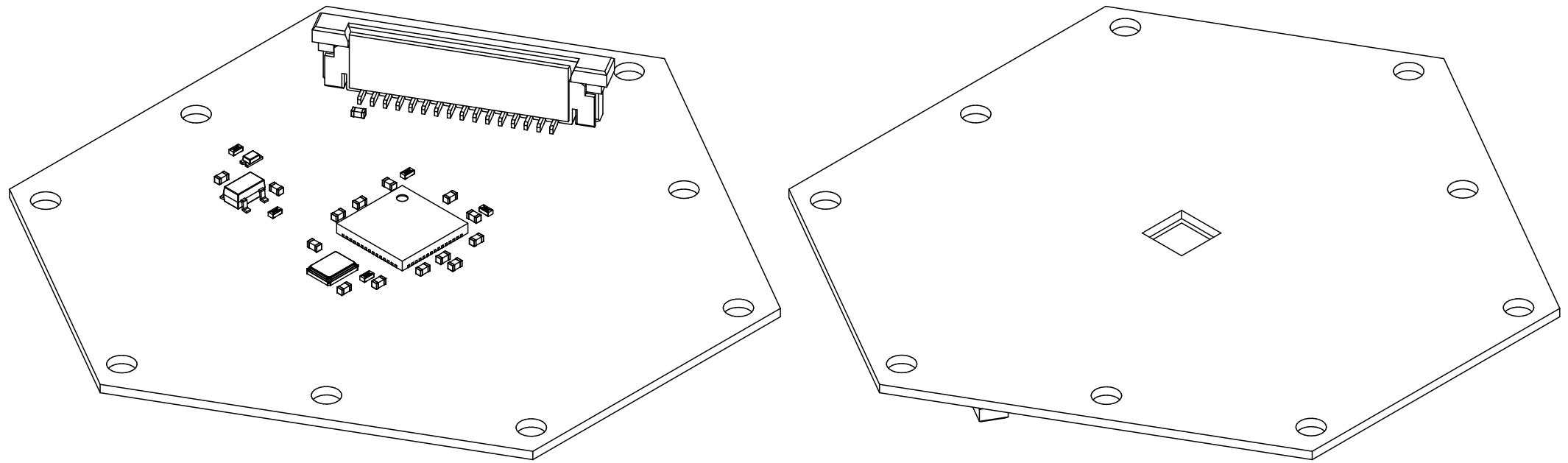


RP2350-Backside (3.0)

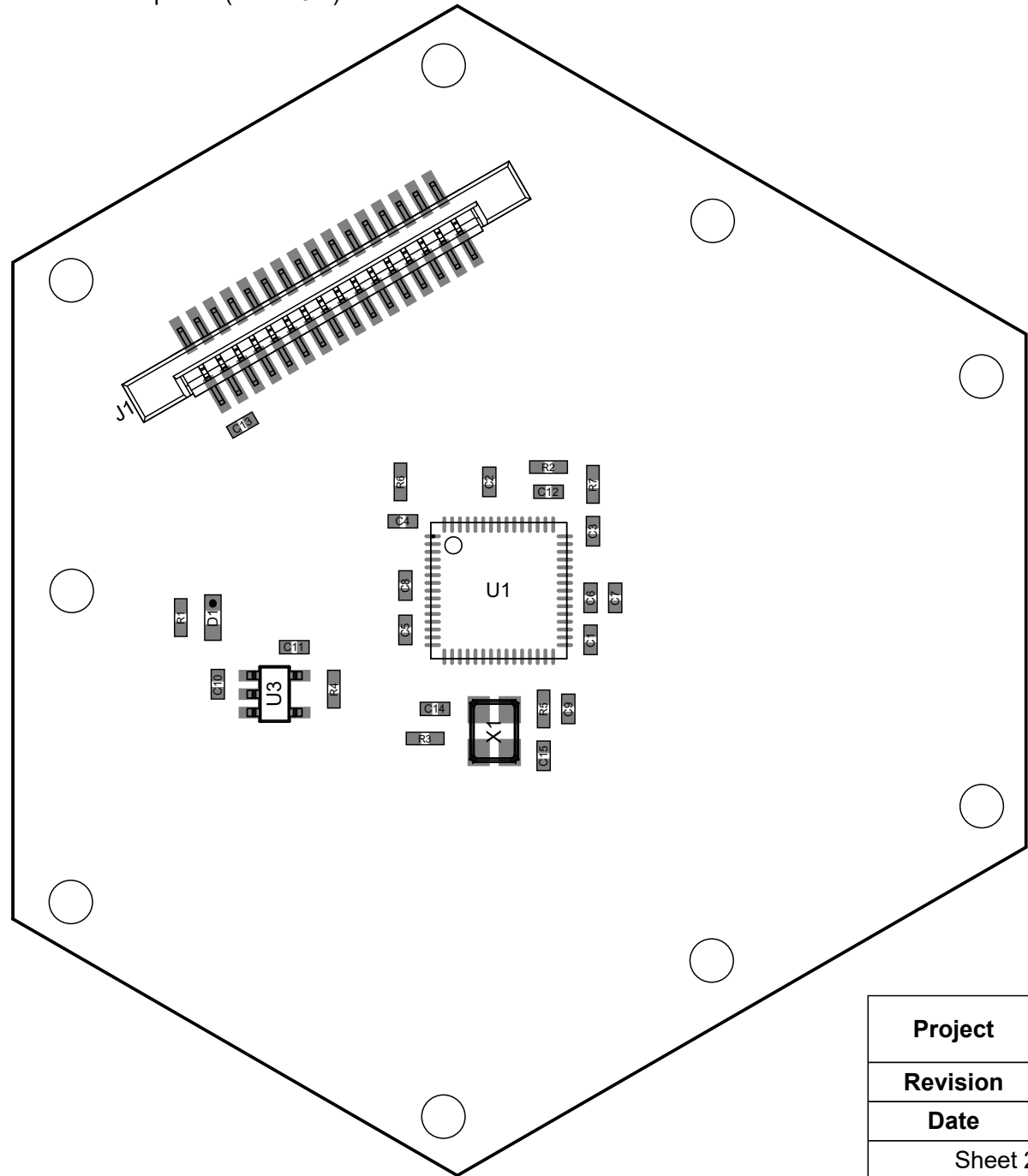
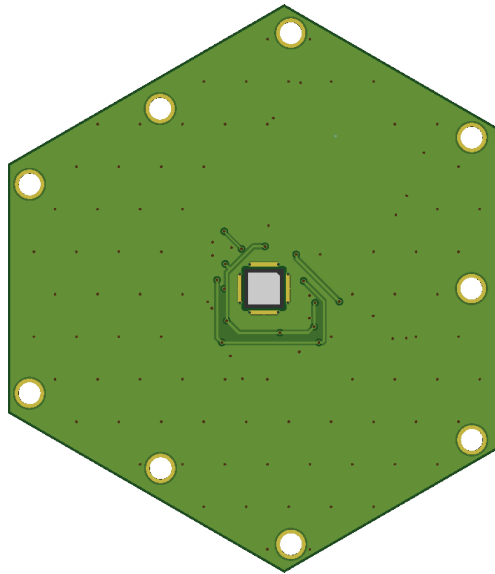
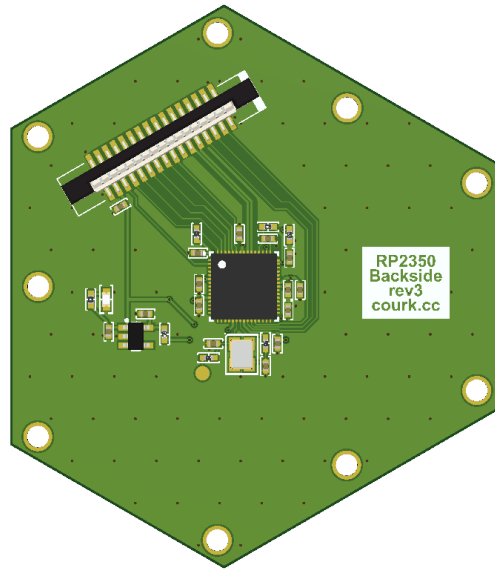


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
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View from Top side (Scale 3:1)



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Bill Of Materials

Line #	Designator	Quantity	Footprint	Tolerance	Value	Manufacturer	Material	Part Name
1	C1, C2, C3, C4, C5, C6, C7, C8, C9	9	C0402	±10%	100nF	Samsung Electro-Mechanics	X7R	C1525
2	C10, C11	2	C0402	±10%	1uF	Samsung Electro-Mechanics	X5R	C52923
3	C12, C13	2	C0402	±20%	2.2uF	Samsung Electro-Mechanics	X5R	C12530
4	C14, C15	2	C0402	±5%	15pF	Guangdong Fenghua Advanced Tech	C0G	C1548
5	D1	1	LED0603			Hubei KENTO Elec		KT-0603R
6	J1	1	FFC3A20-16-T			GCT		FFC3A20-16-T
7	R1, R5	2	R0402	±1%	1KΩ	Uniroyal Elec		C11702
8	R2	1	R0402	±1%	10Ω	Uniroyal Elec		C25077
9	R4	1	R0402	±1%	0Ω	Uniroyal Elec		C17168
10	R6	1	R0402	±1%	10KΩ	Uniroyal Elec		C25744
11	U1	1	QFN40P700X700X90_HS-61N			Raspberry Pi		RP2350A
12	U3	1	SOT-23-5			Texas Instruments		TLV70311DBVR
13	X1	1	TSX-3225			Yangxing Tech		X322512MLB4SI

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
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Layer Stack Legend

Material	Layer	Thickness	Dielectric Material	Type	Gerber
Surface Material	Top Overlay			Legend	GTO
Copper	Top Solder	0.010mm	Solder Resist	Solder Mask	GTS
Copper	Top Layer	0.035mm		Signal	GTL
Prepreg		0.210mm	PP-006	Dielectric	
CF-004	Layer 1	0.015mm		Internal Plane	GP1
Prepreg		0.250mm	FR-4	Dielectric	
CF-004	Layer 2	0.015mm		Internal Plane	GP2
Prepreg		0.210mm	PP-006	Dielectric	
Copper	Bottom Layer	0.035mm		Signal	GBL
Surface Material	Bottom Solder	0.010mm	Solder Resist	Solder Mask	GBS
Surface Material	Bottom Overlay			Legend	GBO

Total thickness: 0.792mm

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A

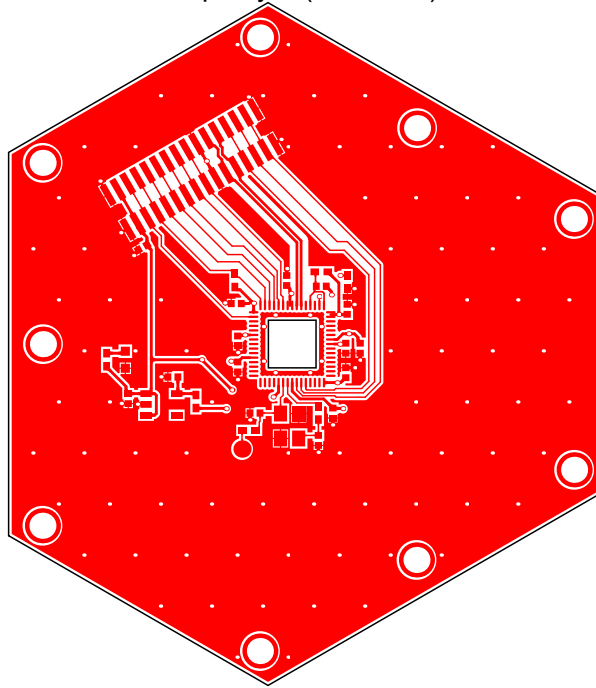
B

C

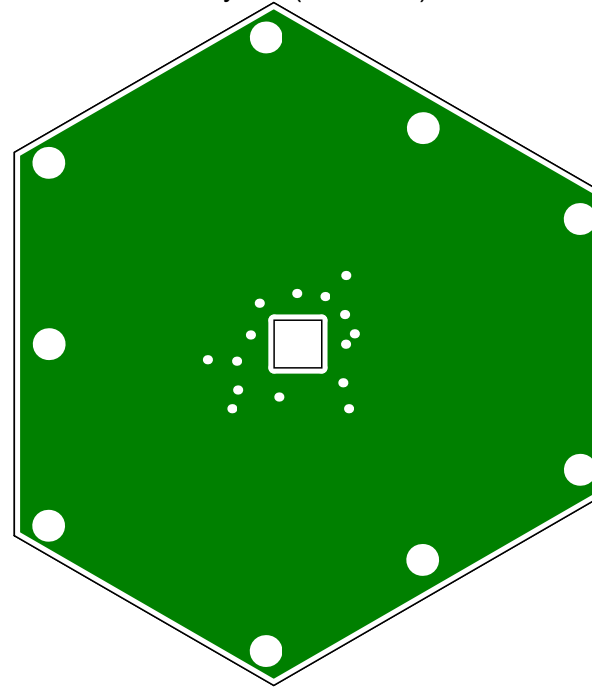
D

E

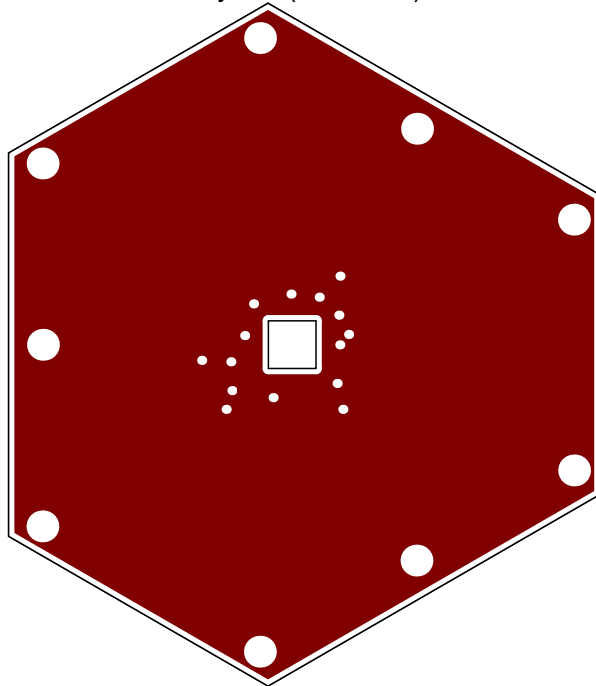
Top Layer (Scale 3:2)



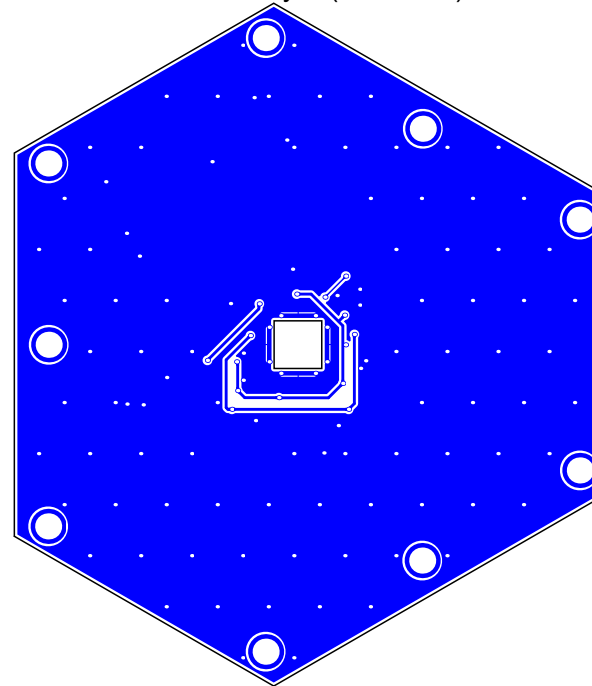
Layer 1 (Scale 3:2)



Layer 2 (Scale 3:2)



Bottom Layer (Scale 3:2)



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A

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