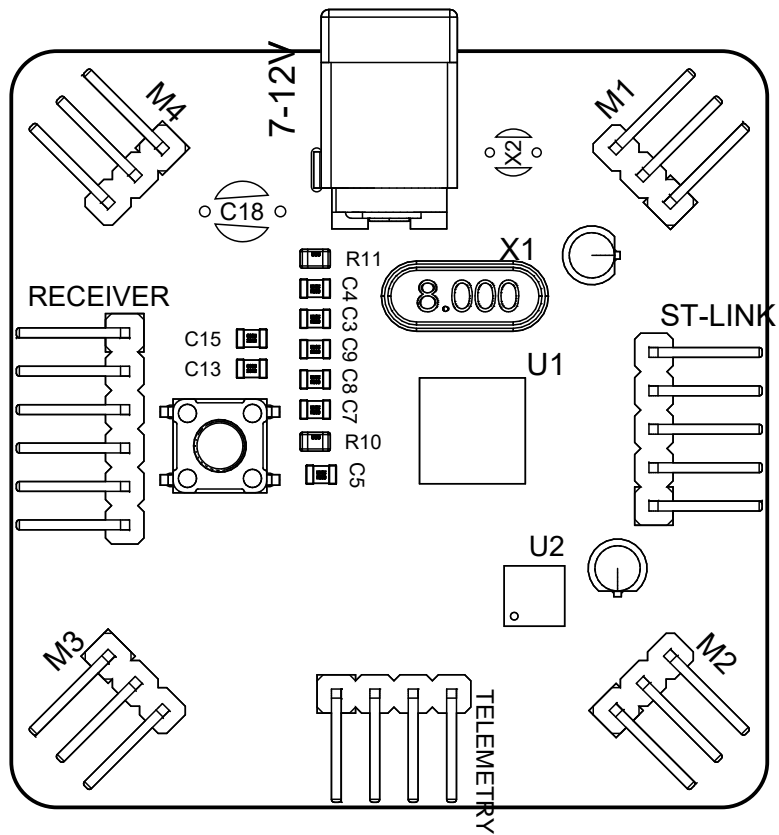
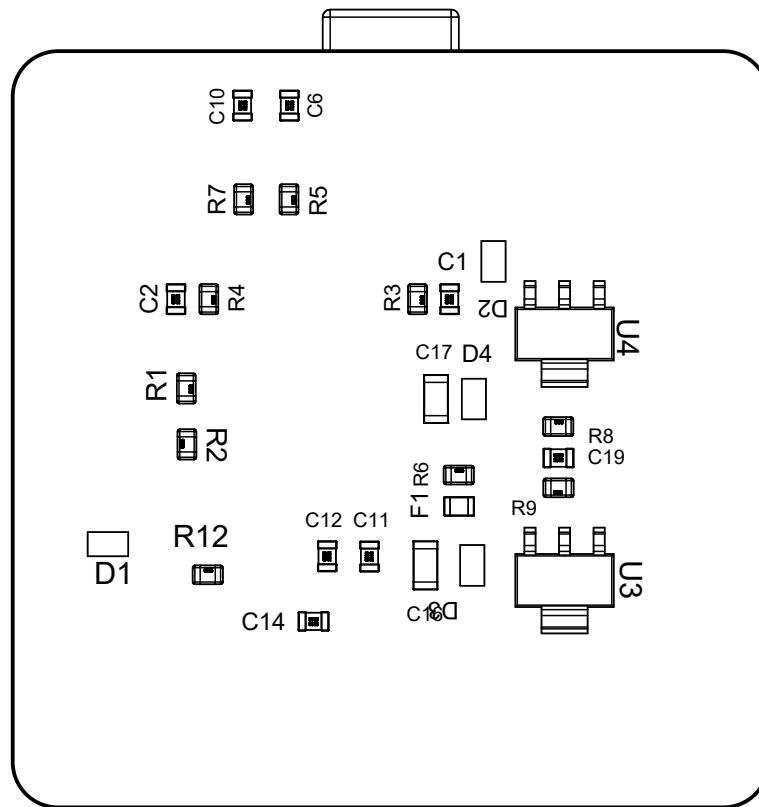


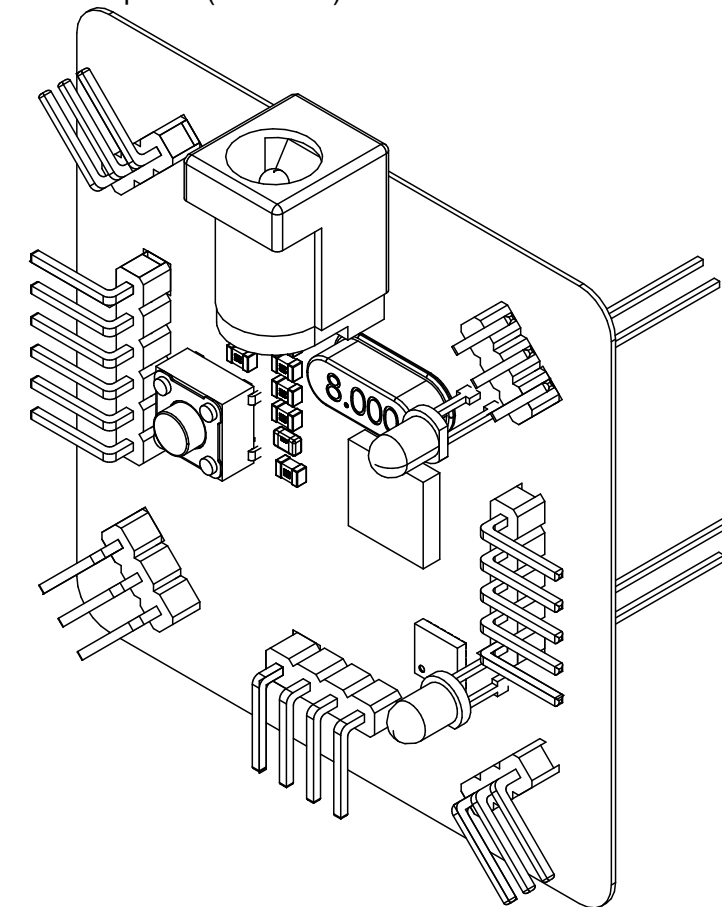
View from Top side (Scale 2:1)



View from Bottom side (Scale 2:1)



View from Top side (Scale 2:1)



Layer Stack Legend

Material	Layer	Thickness	Dielectric Material	Type	Gerber
Top Overlay	Top Overlay			Legend	GTO
Surface Material	Top Solder	0.01mm	Solder Resist	Solder Mask	GTS
Copper	Top Layer	0.04mm		Signal	GTL
		0.32mm	FR-4	Dielectric	
Copper	Bottom Layer	0.04mm		Signal	GBL
Surface Material	Bottom Solder	0.01mm	Solder Resist	Solder Mask	GBS
Bottom Overlay	Bottom Overlay			Legend	GBO
Total thickness: 0.41mm					

Bill Of Materials

Line #	Designator	Name	Quantity
	B1	WS-TATV THT	1
	C1, C2	20pF	2
	C3, C4, C7, C8, C9, C12, C13	0.10µF	7
	C5, C11	1µF	2
	C6, C10	6.8pF	2
	C14	10000pF	1
	C15	10µF	1
	C16, C17	22µF	2
	C18	Cap2	1
	C19	0.10µF	1
	D1, D2, D3, D4	MBR0520-HT	4
	F1	FERRITE BEAD 600 OHM 1206 1LN	1
	J1	Header 5H	1
	J6	433MHz Air Connector	1
	J7	R9DS Receiver Connector	1
	J8	DC Power Jack	1
	LD1	Red	1
	LD2	Light Blue	1
	M1	ESC1 Connector	1
	M2	ESC2 Connector	1
	M3	ESC3 Connector	1
	M4	ESC4 Connector	1
	R1	10k	1
	R2	510	1
	R3, R5, R6, R7	0.0	4
	R4	220	1
	R8	100	1
	R9	330	1
	R10	220k	1
	R11	470	1
	R12	220	1
	U1	STM32F303CCT6	1
	U2	L3GD20TR	1
	U3	AMS1117_5V	1
	U4	AMS1117_3V3	1
	X1	8MHz	1
	X2	XTAL	1

