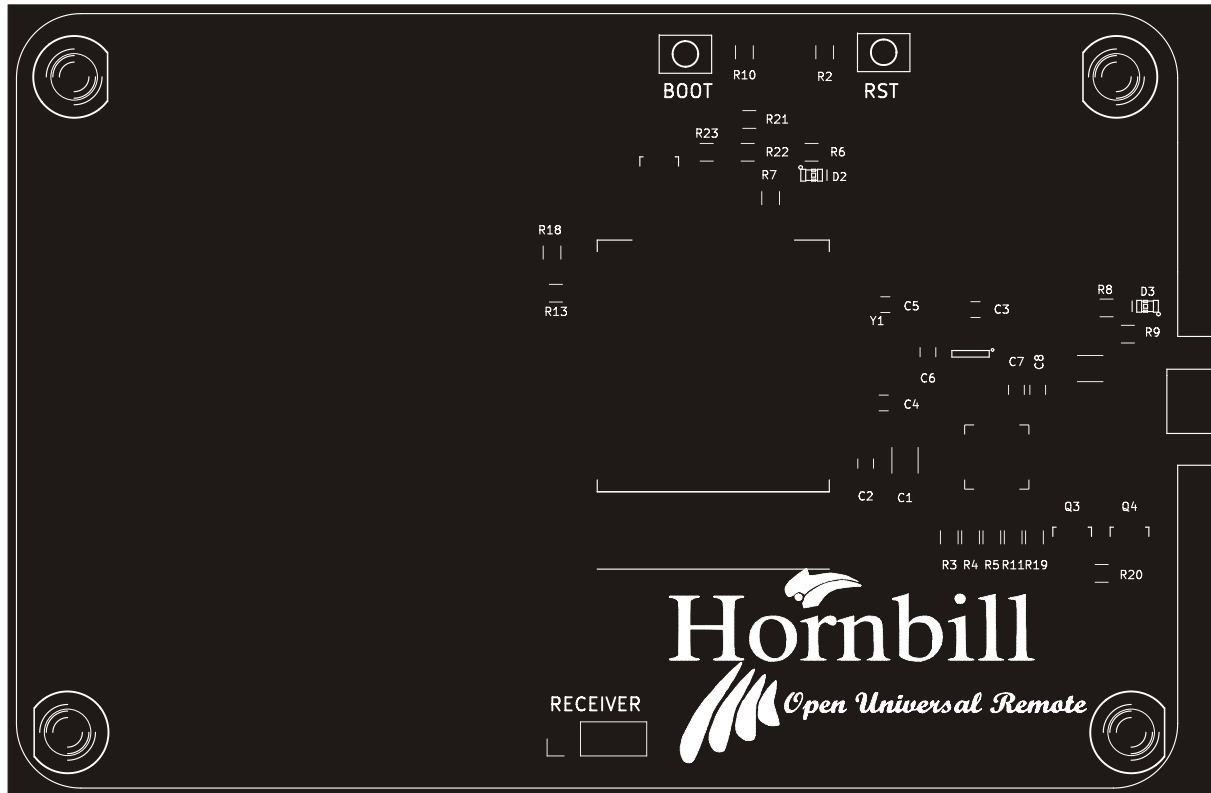


Hornbill OUR Process Sheet



Id	Designator	Package	Qty	Designation
1	D2	LED-0603_NEW	1	Blue
2	D3	LED-0603_NEW	1	LED
3	C1	C_1206	1	100uF
4	C2	C_0603	1	100nF
5	C3	C_0603	1	1uF
6	C4,C5	C_0603	2	15pF
7	C6	C_0603	1	2.2uF
8	C8,C7	C_0603	2	0.1uF
9	CON1	USB_Micro-B_SMD_NEW	1	USB-MINI-B
10	D5,D6,D9,D10	LED-5MM	4	LED
11	M1	ESP-32S	1	ESP-WROOM-32
		Pin_Header_Straight_1x03_Pitch2.54mm		
12	P2		1	CONN_01X03
13	R2,R10	R_0603	2	10K
14	R6,R9	R_0603	2	1K
15	R7,R8,R3,R4,R5,R11	R_0603	6	0E
16	R13,R23	R_0603	2	0R
17	R18	R_0603	1	680R
18	R19,R20	R_0603	2	12K
19	R21,R22	R_0603	2	47R
20	SW1,SW2	smd_push2_New	2	SW_PUSH
21	U1	SOT-23-5	1	AP2112K
25	Y1	SMD_RTC_Crystal	1	32.768KHz RTC Crystal
26	Q2	SOT-23	1	Q_NPN_BEC
27	Q3,Q4	SOT-23	2	S8050
	P1,P3,P4,P5,P6,P7,P8,P9,P10,P11,P12,P13,P14,P15	EE_Pin_Header_Straight_1x14_Pitch2.54mm		
28			14	CONN_01X14
29	F1	Fuse_500mA	1	500mA
30	U9	cp2102_xl2	1	CP2102