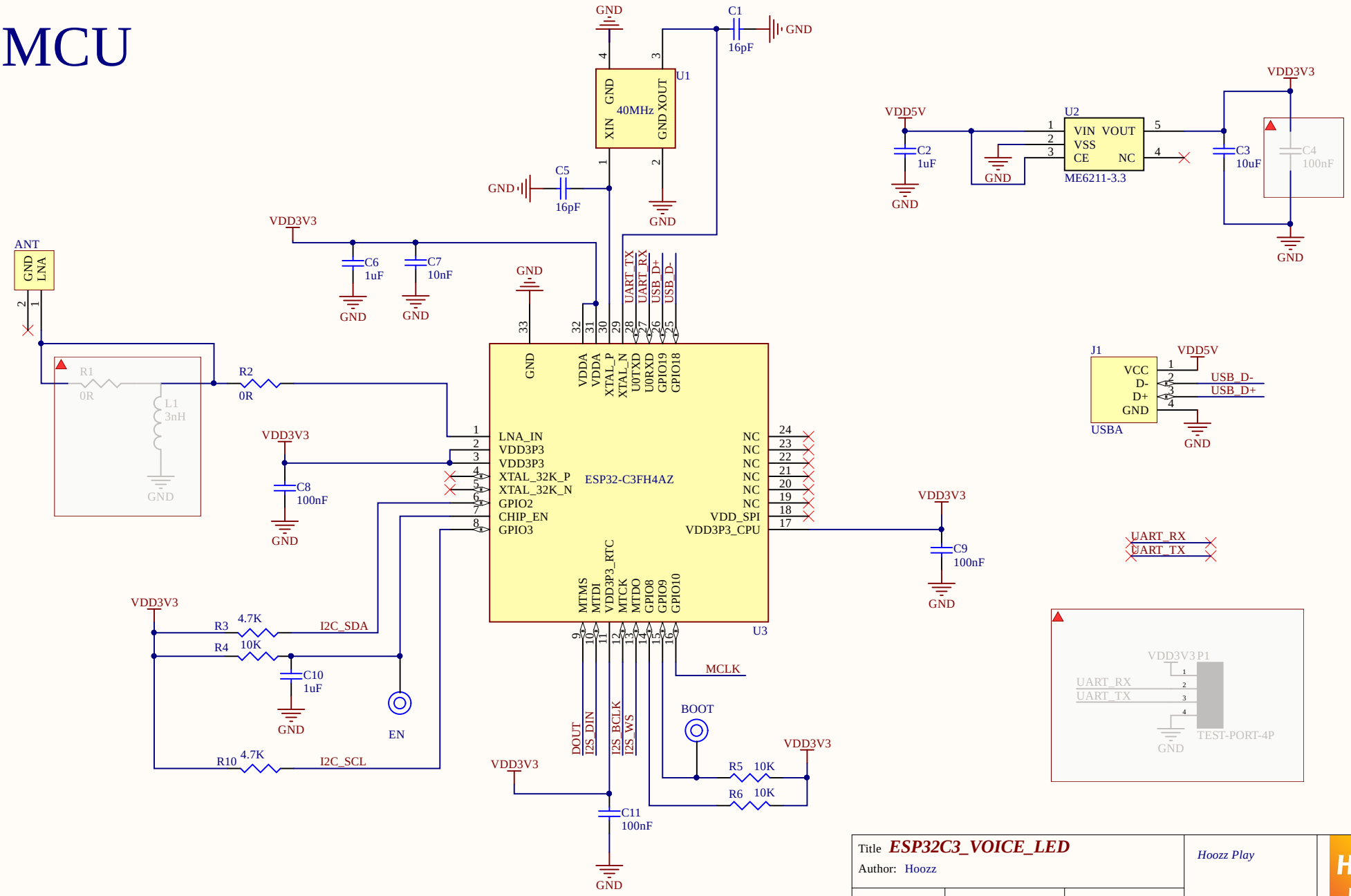
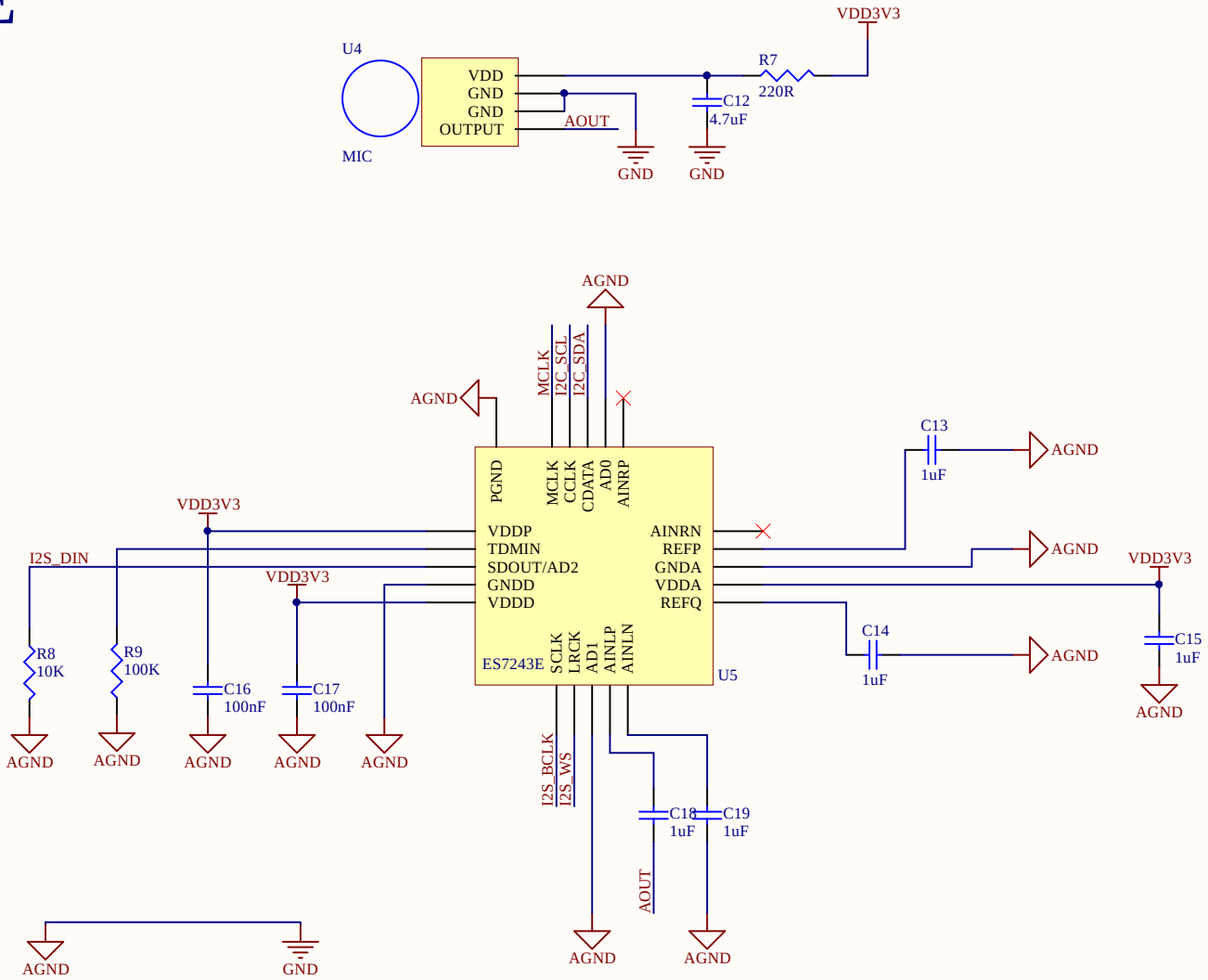
MCU



Title	*ESP32C3_VOICE_LED*		*Hoozz Play*
Author:	Hoozz		
Size: A4	Number:1	Revision:1.0	
Date: 2024/4/21	Time: 19:28:16	Sheet1 of 3	
File:	ESP32C3_VOICE_LED_MCU_Sheet.SchDoc		

Hoozz Play

ES7243E



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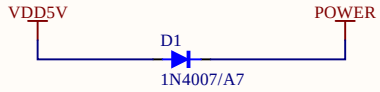
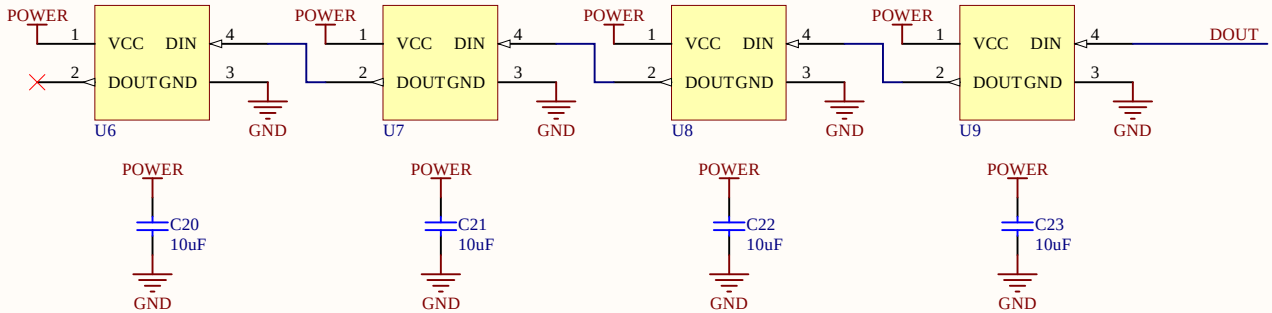
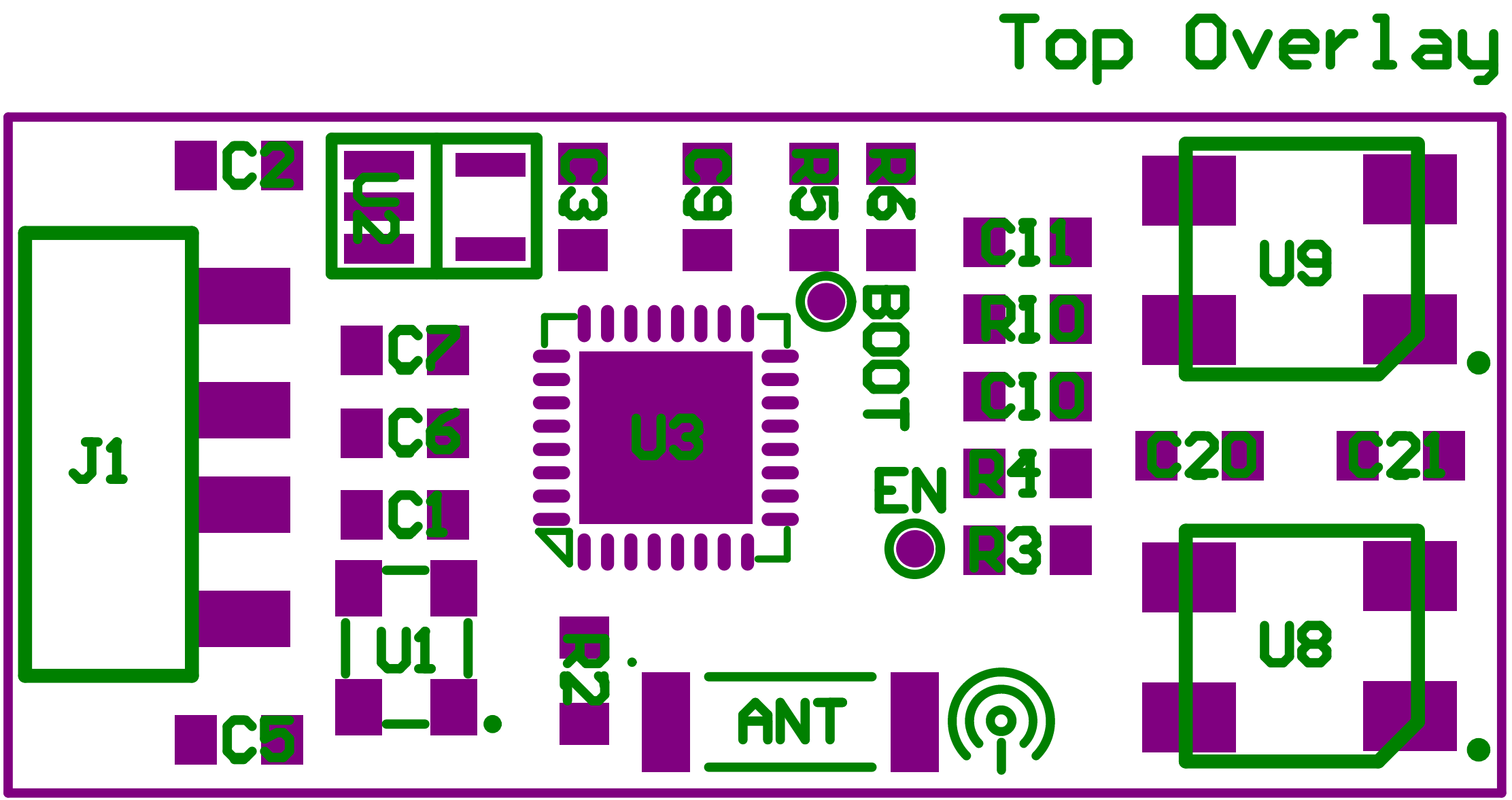
Author:	Hoozz		
Size: A4	Number:2	Revision:1.0	
Date: 2024/4/21	Time: 19:28:16	Sheet2 of 3	
File:	ESP32C3_VOICE_LED_ES7243E_Sheet.SchDoc		

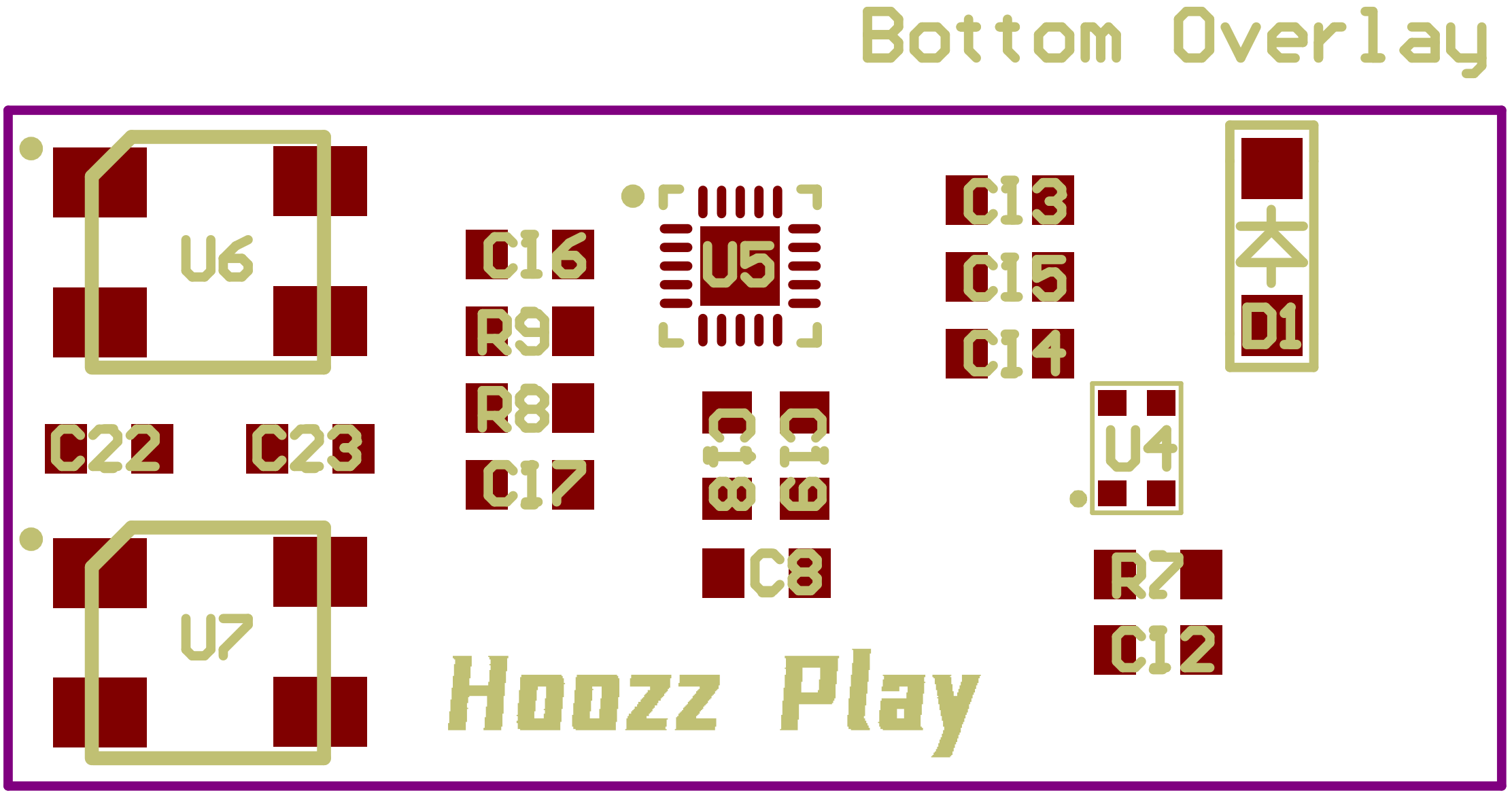
WS2812B





Title *ESP32C3_VOICE_LED*			*Hoozz Play*
Author: Hoozz			
Size: A4	Number:3	Revision:1.0	
Date: 2024/4/21	Time: 19:28:16	Sheet3 of 3	
File: ESP32C3_VOICE_LED_WS2812B_Sheet.SchDoc			


Top Overlay
C2
U2
C3
C9
R5
R6
C11
R10
C10
C20
C21
R4
R3
C7
C6
C1
U1
R2
ANT
J1
U3
BOOT
EN
U9
U8
C5


Bottom Overlay
U6
U5
U4
U7
C22
C23
C16
R9
R8
C17
C10
C9
C8
C13
C15
C14
D1
R7
C12
Hoozz Play

Component list

Bill of Materials For Project [ESP32C3_VOICE_LED_PCB_Project.PrjPCB] (No PCB Document Selected)

Source Data From: ESP32C3_VOICE_LED_PCB_Project.PrjPCB

Project: ESP32C3_VOICE_LED_PCB_Project.PrjPCB

Variant: None

Report Date: 2024/4/21 19:28:19

Print Date: 21-Apr-24 7:28:38 PM

#	Designator	Comment	Value	Footprint	Description	Pins	LibRef	Quantity
1	ANT	ANT		CA-C03		2	ANT	1
2	BOOT, EN	TEST-PORT		TEST-PORT		1	TEST-PORT	2
3	C1, C5	Cap	16pF	0603	Capacitor	2	Cap	2
4	C2, C6, C10, C13, C14, C15, C18, C19	Cap	1uF	0603	Capacitor	2	Cap	8
5	C3, C20, C21, C22, C23	Cap	10uF	0603	Capacitor	2	Cap	5
6	C7	Cap	10nF	0603	Capacitor	2	Cap	1
7	C8, C9, C11, C16, C17	Cap	100nF	0603	Capacitor	2	Cap	5
8	C12	Cap	4.7uF	0603	Capacitor	2	Cap	1
9	D1	1N4007/A7		SOD-123FL		2	DIODE	1
10	J1	USBA		USB-A-2	USB2.0	4	USBA	1
11	R2	Res	0R	0603	Resistor	2	Res	1
12	R3, R10	Res	4.7K	0603	Resistor	2	Res	2
13	R4, R5, R6, R8	Res	10K	0603	Resistor	2	Res	4
14	R7	Res	220R	0603	Resistor	2	Res	1
15	R9	Res	100K	0603	Resistor	2	Res	1
16	U1	40MHz		3225		4	XTAL2	1
17	U2	ME6211-3.3		SOT-23-5	No Description Available	5	ME6211-3.3	1
18	U3	ESP32-C3FH4AZ		QFN32_3.7X3.7		33	ESP32-C3FH4AZ	1
19	U4	MIC		MIC_XHXDZ_2718		4	MIC_XHXDZ_2718	1
20	U5	ES7243E		QFN20_3X3		21	ES7243E	1
21	U6, U7, U8, U9	WS2812B		5050		4	WS2812B	4
								45

Approved

Notes