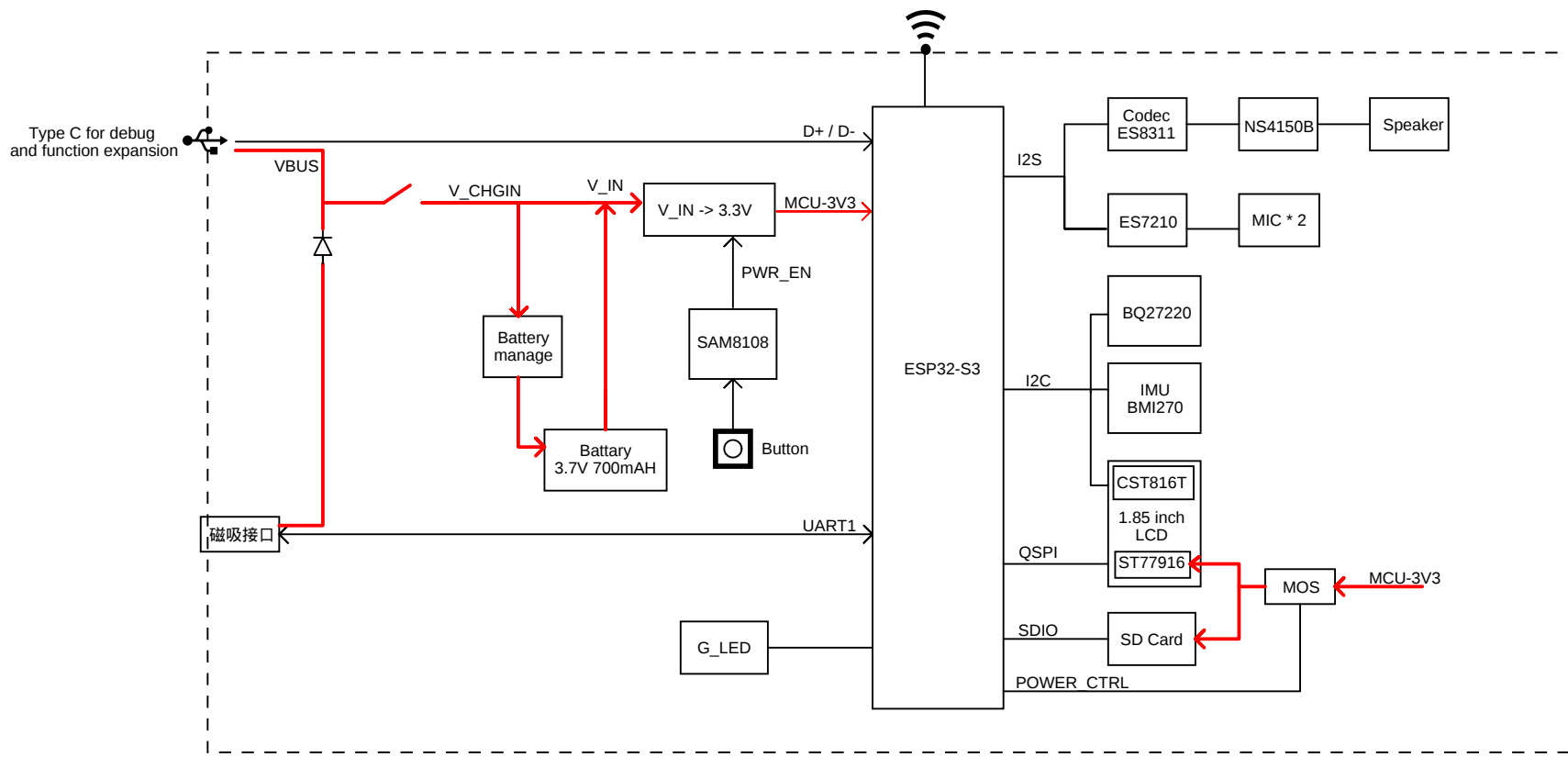
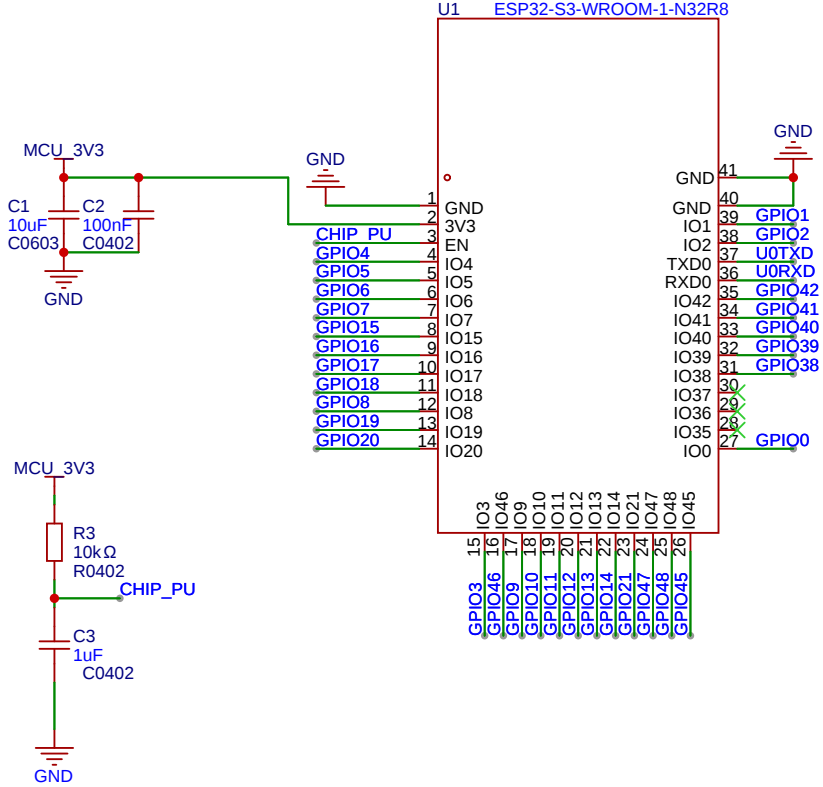
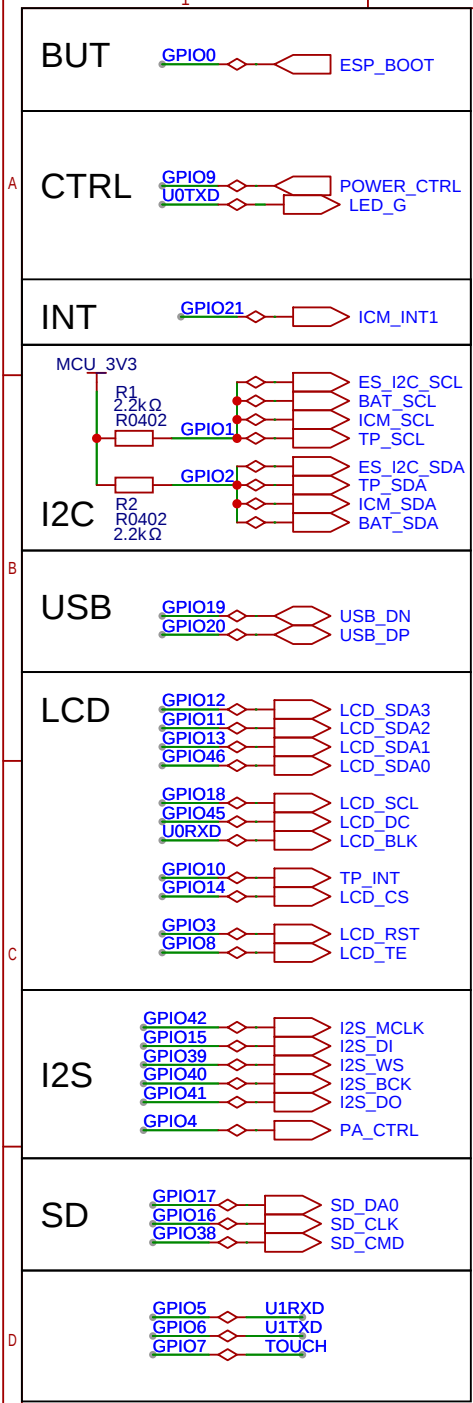


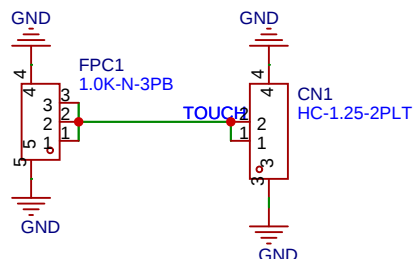


原理图	SCH-EchoEar-CoreBoard-V1_0	创建日期	2025-06-10
		更新日期	2025-06-13
板子	EchoEar-CoreBoard-V1_0	图页	Overview
绘制		EchoEar 喵伴：会听、会动、会陪伴的 AI 萌宠	
审阅			
		版本	尺寸
		页 1 共 4	
		Espressif	

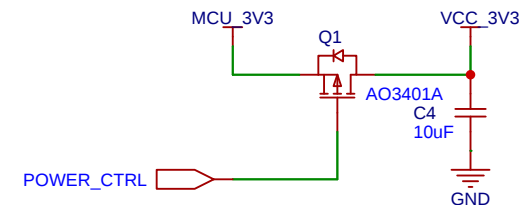
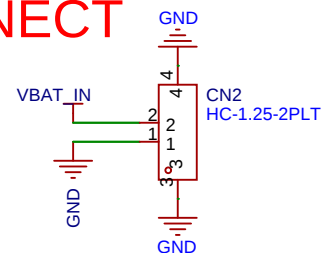


原理图	SCH-EchoEar-CoreBoard-V1_0	创建日期	2025-06-10
		更新日期	2025-06-13
板子	EchoEar-CoreBoard-V1_0		图页
绘制	EchoEar 喵伴：会听、会动、会陪伴的 AI 萌宠		
审阅			
		版本	尺寸
		页 2 共 4	
 ESPRESSIF		Espressif	

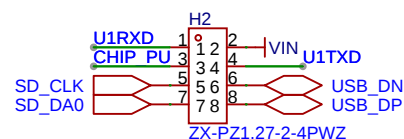
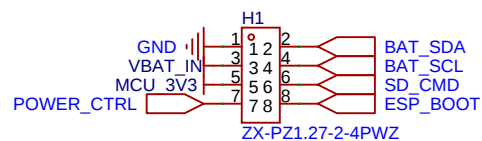
TOUCH



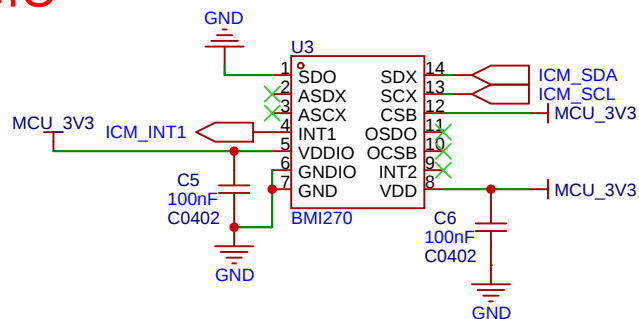
BAT CONNECT



B2B CONNECT

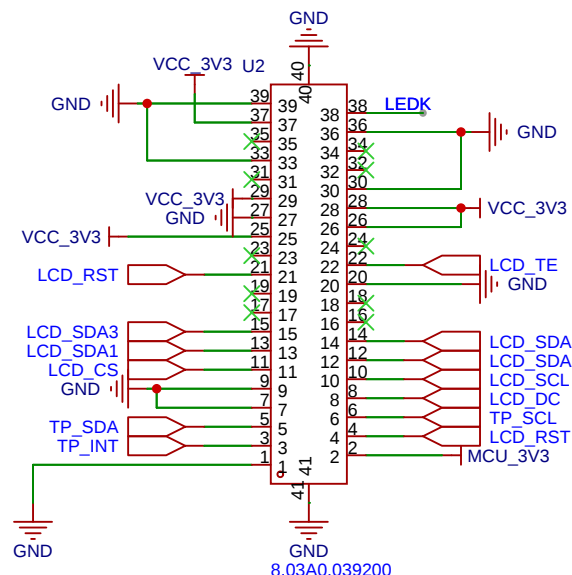
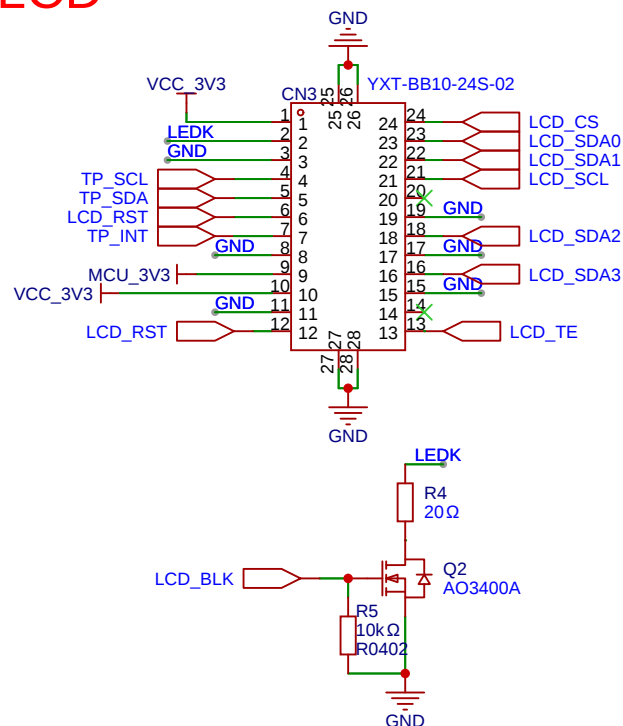


IMU



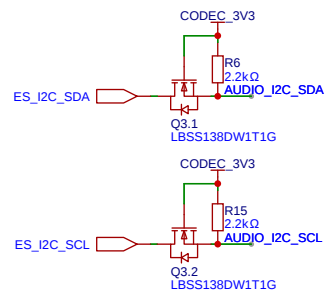
IIC ADDR : 0x68

LCD

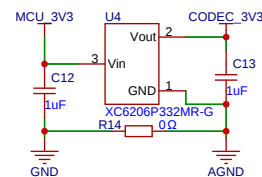


原理图	SCH-EchoEar-CoreBoard-V1_0			创建日期	2025-06-10
				更新日期	2025-06-13
板子	EchoEar-CoreBoard-V1_0			图页	Inter face
绘制		EchoEar 喵伴：会听、会动、会陪伴的 AI 萌宠			
审阅					
		版本	尺寸	页 3 共 4	
 ESPRESSIF				Espressif	

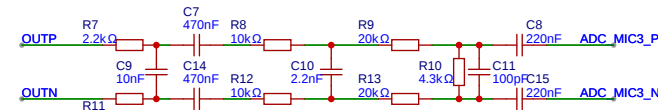
CODEC_IIC



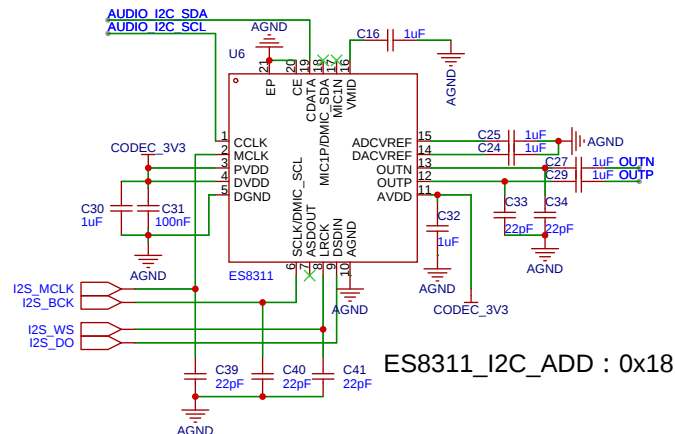
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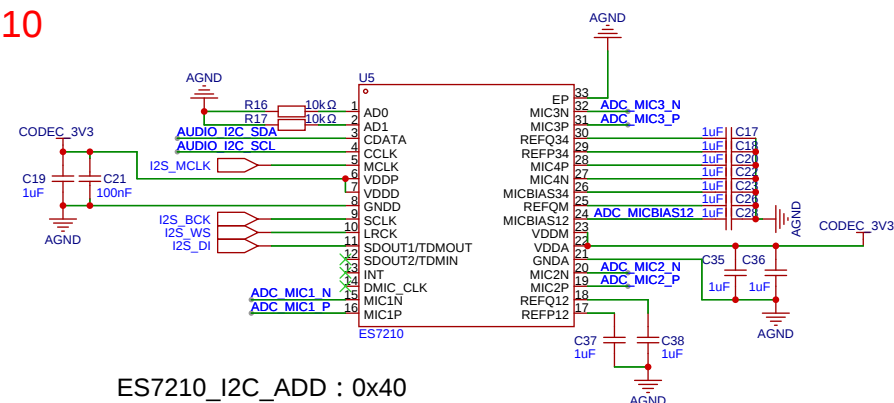
AEC



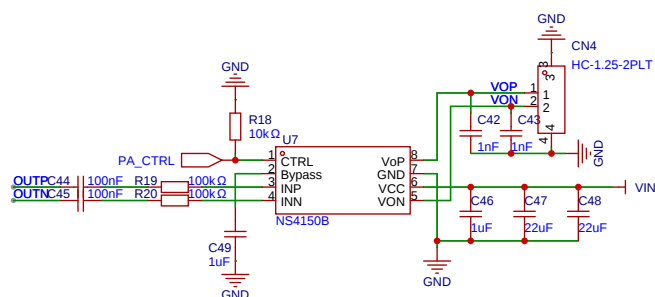
ES8311



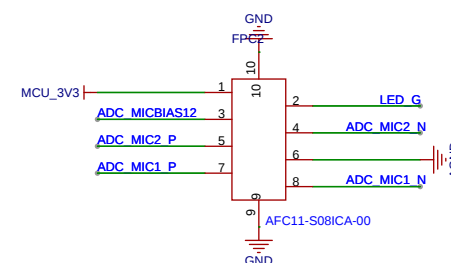
ES7210



PA


$$\text{放大倍数} = 240k / R_{IN}$$

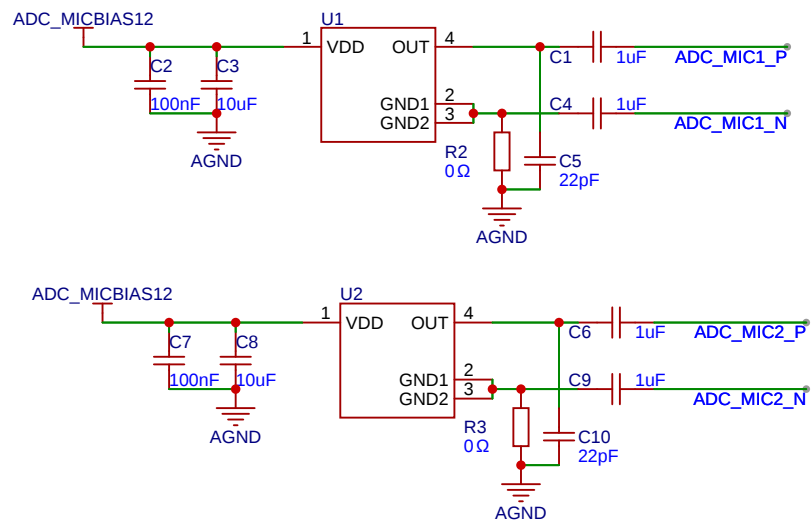
MIC CONNECT



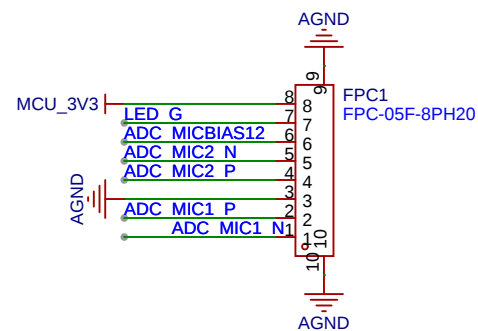
原理图	SCH-EchoEar-CoreBoard-V1_0		创建日期	2025-06-10
			更新日期	2025-06-13
板子	EchoEar-CoreBoard-V1_0		图页	codec
绘制		EchoEar 喵伴：会听、会动、会陪伴的 AI 萌宠		
审阅				
		版本	尺寸	页 4 共 4
 ESPRESSIF				Espressif

原理图	SCH-EchoEar-BaseBoard-V1_0			创建日期	2025-06-10
				更新日期	2025-06-13
板子	EchoEar-BaseBoard-V1_0			图页	P1
绘制		EchoEar 喵嘴：会听、会动、会陪伴的 AI 萌宠			
审阅					
		版本	尺寸	页 1 共 1	
 ESPRESSIF				Espressif	

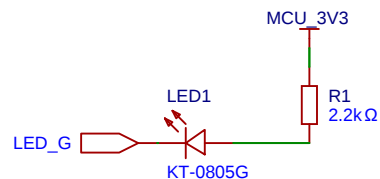
MIC



FPC CONNECT



LED



原理图	SCH-EchoEar-MicBoard-V1_0			创建日期	2025-06-10
				更新日期	2025-06-10
板子	EchoEar-MicBoard-V1_0			图页	P1
绘制	EchoEar 喵伴：会听、会动、会陪伴的 AI 萌宠				
审阅					
		版本	尺寸	页 1 共 1	
 ESPRESSIF				Espressif	