

2*10pin PMOD接口

AD9959

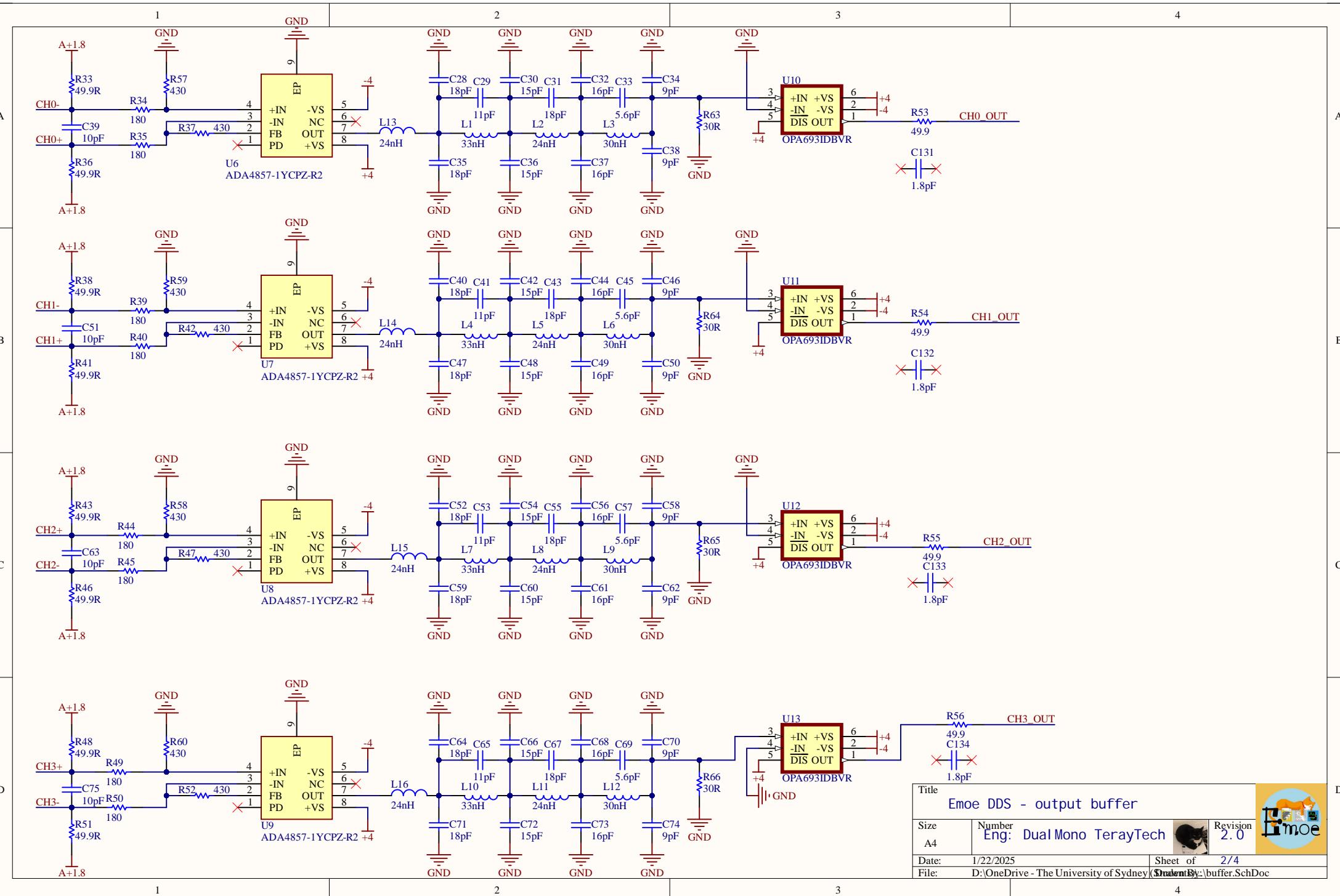
NOTE:

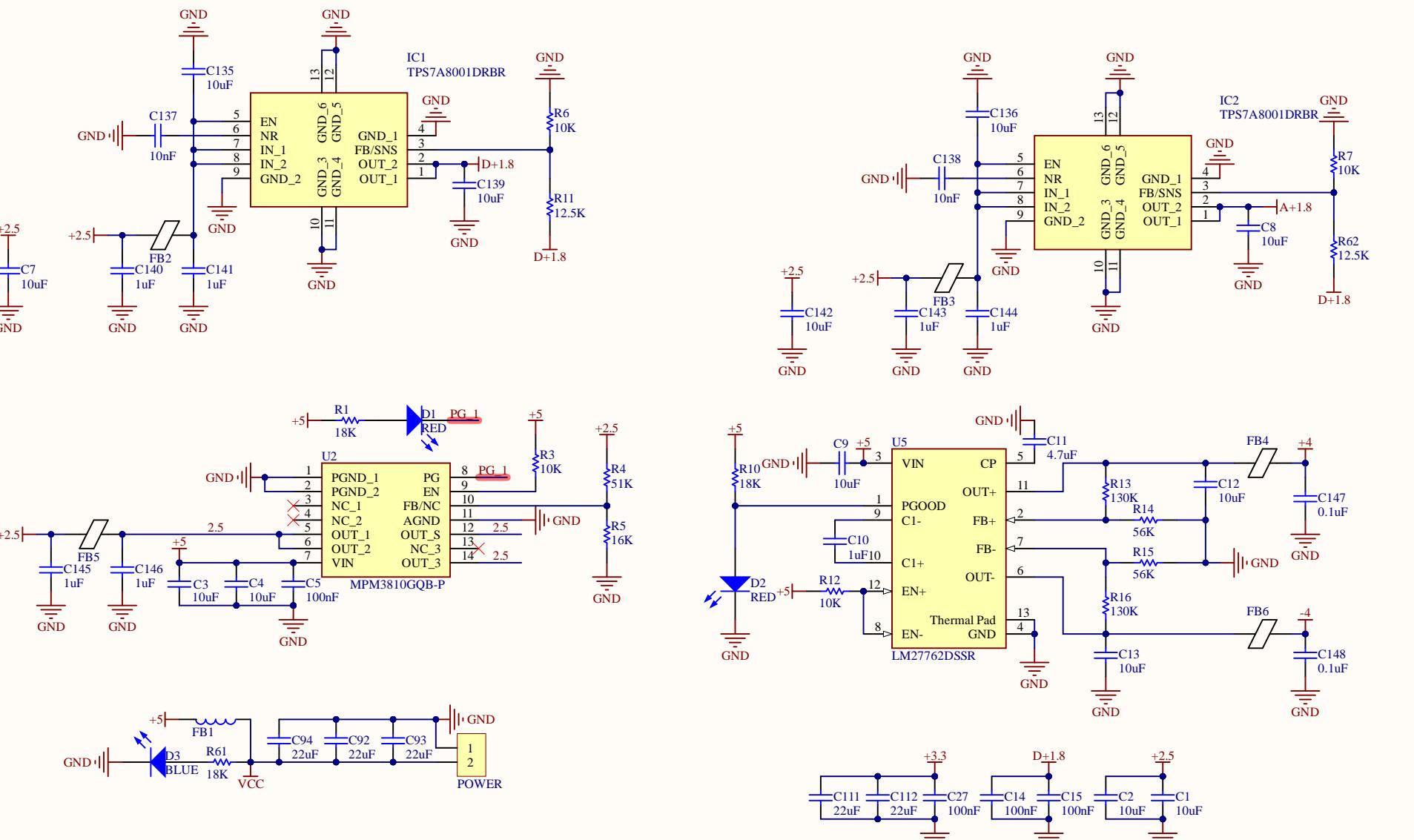
C131~C134为降低反射损失的微调电容，没有预留焊盘，焊接时需与 49.9Ω 电阻叠层焊接。
建议给AD9959与OPA659安装散热片。

AD9959 10-Bit 500MSPS
4-Channel DDS Module
2022.5.3, STI, HUST

D

Title Emoe DDS - AD9959		
Size A4	Number Eng: Dual Mono TerayTech	Revision 2.0
Date: 1/22/2025	Sheet of 1/4	
File: D:\OneDrive - The University of Sydney\Student\Emoe\AD9959.SchDoc		





Title		Emoe DDS - power management	
Size A4	Number Eng:	Dual Mono TerayTech	Revision 2.0
Date: 1/22/2025	Sheet of 4/4		
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A

A

B

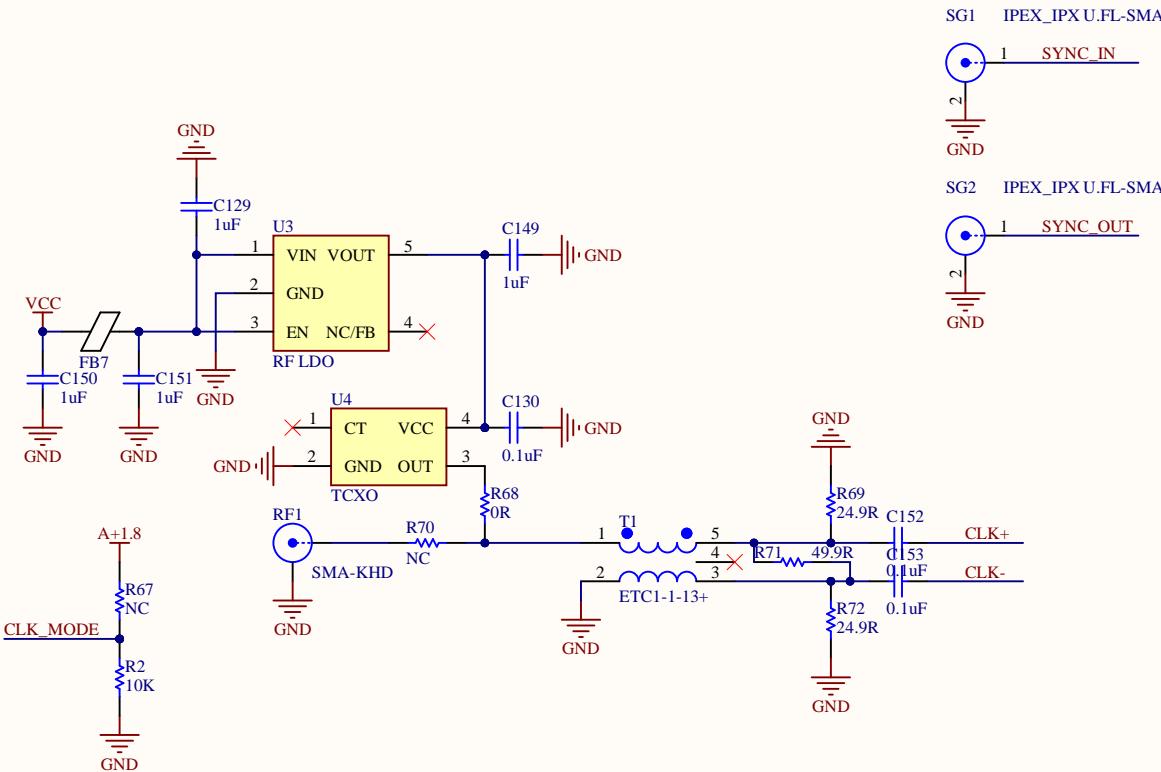
B

C

C

D

D



Control Pin for the Oscillator Section.
Caution: Do not drive this pin beyond 1.8 V. When high (1.8 V), the oscillator section is enabled to accept a crystal as the REF_CLK source. When low, the oscillator section is bypassed.

Title

Emoe DDS - Clocking

Size

A4 Eng: Dual Mono TerayTech Revision 2.0



Date:

1/22/2025

Sheet of 3/4

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