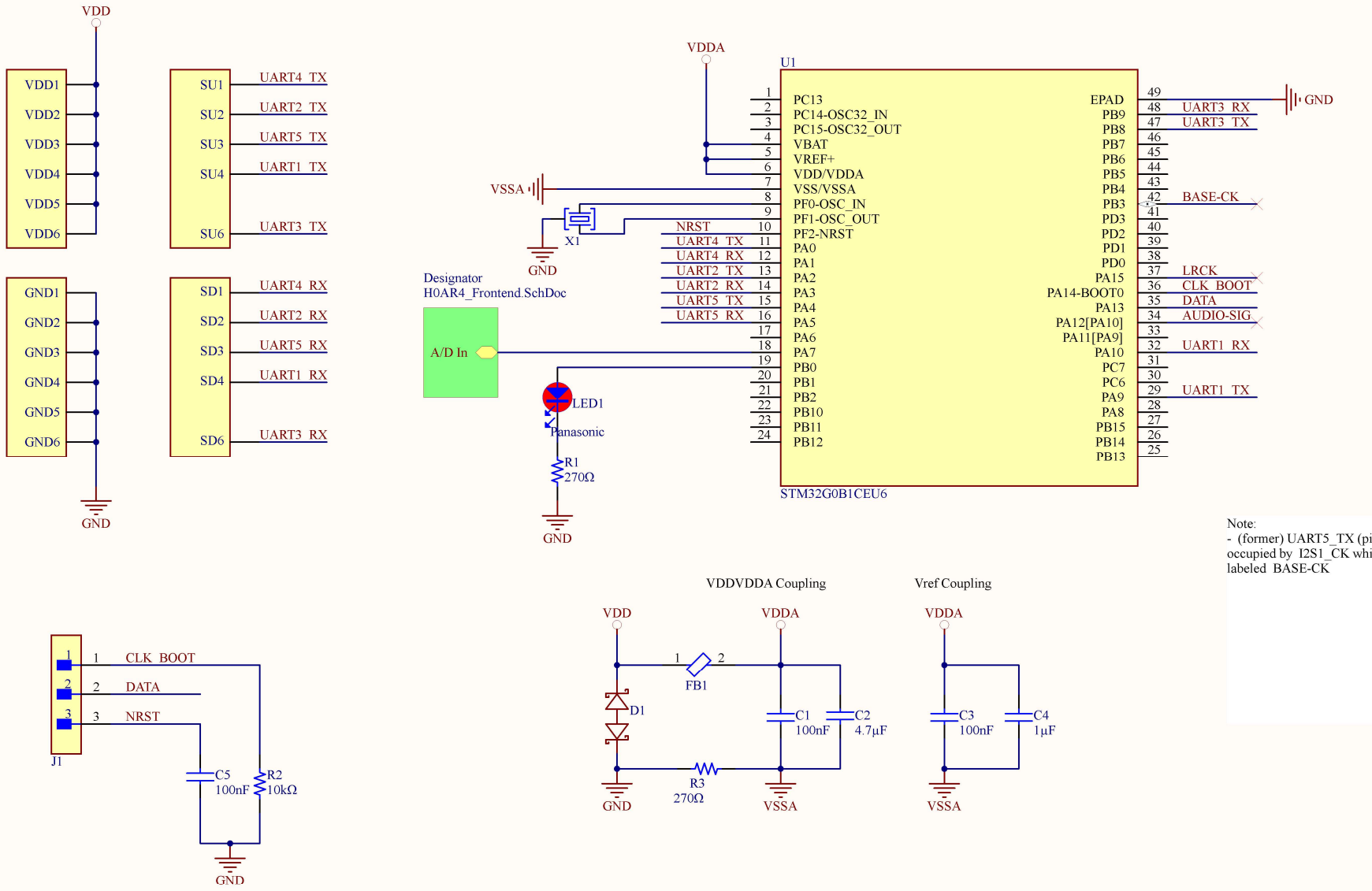

Module: *H0AR4x*	Title: H0AR4_Backend.SchDoc	
Description: Hexabitz Barometer Module		Revision: 0
		Size: Letter
Date: 11/30/2025	Time: 11:30:19 PM	Sheet 1 of 2

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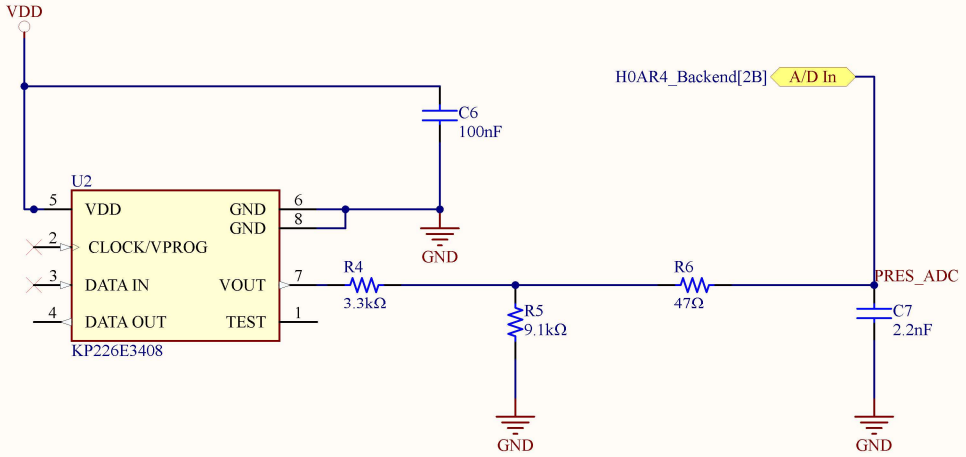

R5 is part of a divider that will keep the maximum Vout signal the MCU sees at or below 3.3V. It ouputs 4.5V by default, but the MCU I/O pin cannot handle analog signals above 3.3V.

Picked R4 = 3.3kΩ

4.5V * (R5 / (R5 + 3.3kΩ)) = 3.3V
---> R5 ≈ 9.1kΩ

Module: ***H0AR4x***	Title: H0AR4_Frontend.SchDoc	
Description: Hexabitz Barometer Module		Revision: 0 Size: Letter
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