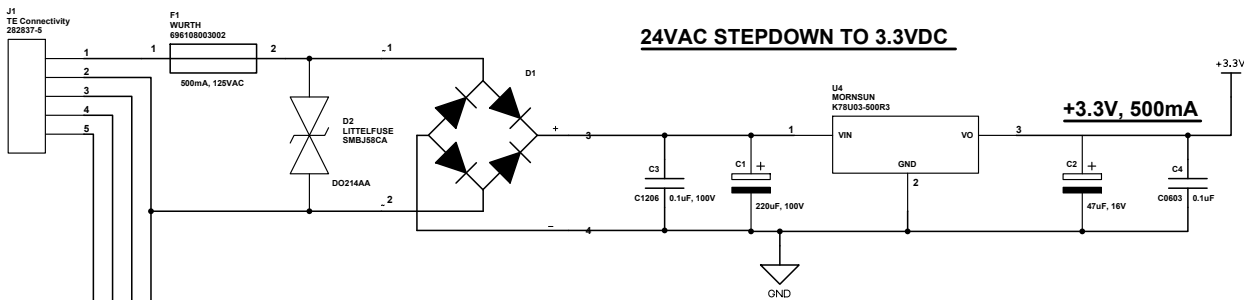
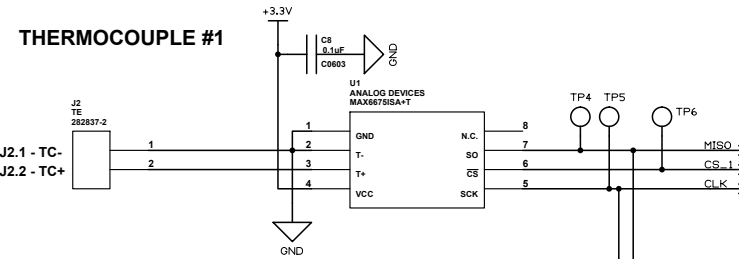
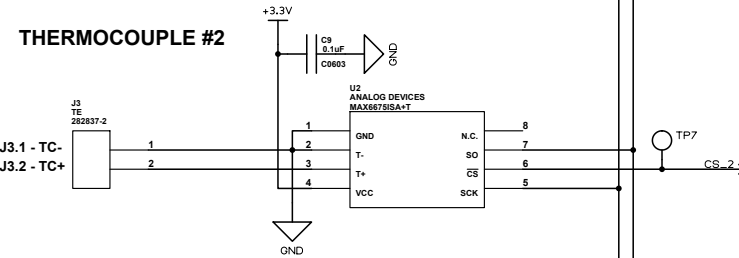
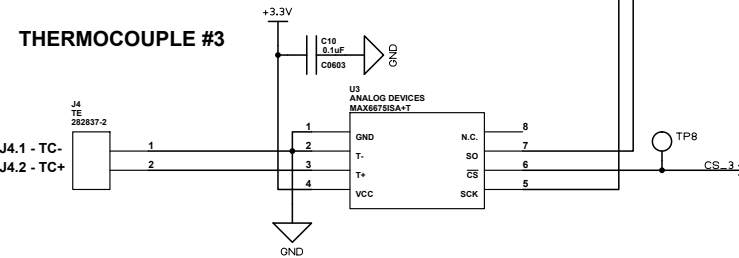


J1.1 - 24VAC  
J1.2 - COMMON  
J1.3 - HEAT  
J1.4 - COOL  
J1.5 - FAN



### THERMOCOUPLE #1

J3  
TE  
282J4  
TE  
282

The diagram illustrates the I2C address jumper configuration for the SEN1 sensor. The I2C bus lines SCL and SDA are connected to pins 1 and 4 of the sensor. A 3.3V supply is connected to pin 2 (VDD) and ground to pin 3. Two 4.3K resistors, R1 and R2, are connected between the SCL line and pins 1 and 4 respectively. Test points TP1, TP2, and TP3 are indicated. The I2C address is 0x25.

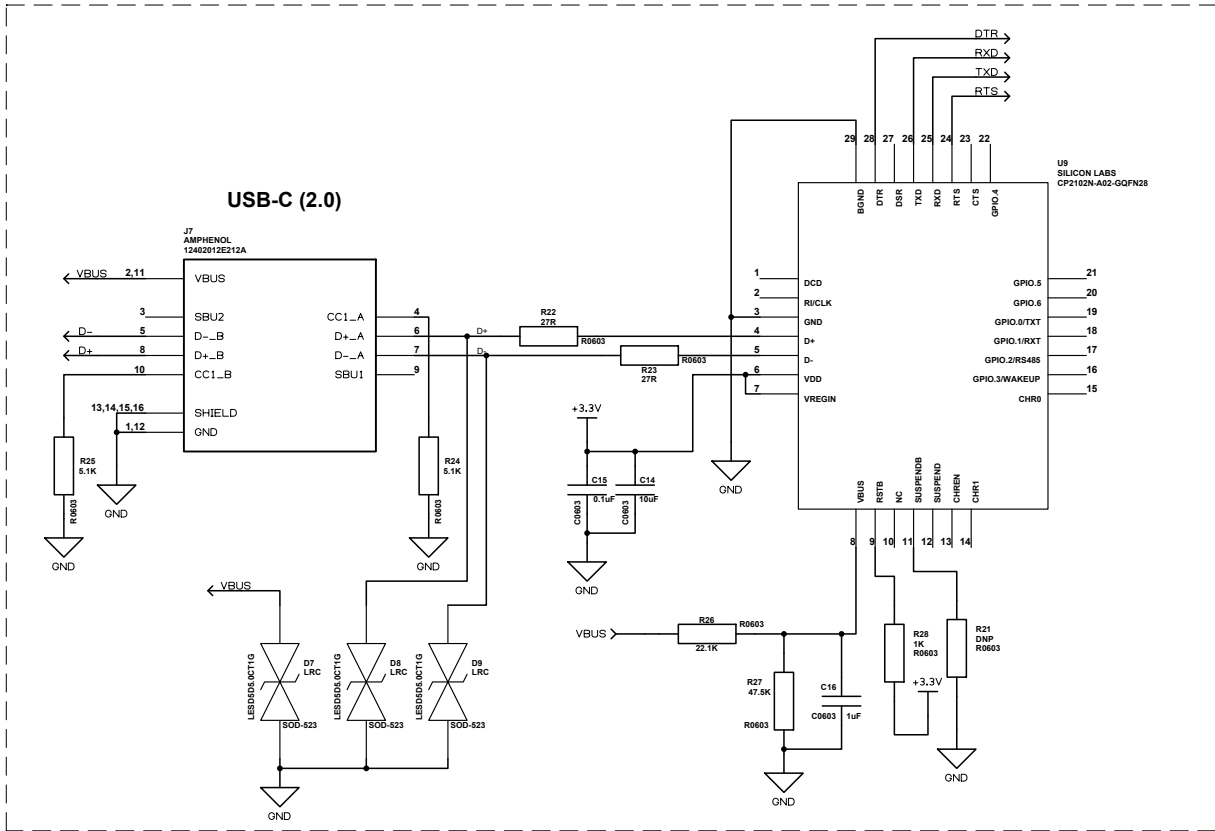
REVISIONS:
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**R1** FIXED J7 FOOTPRINT. REPINNED U5,U6,U7 FOOTPRINT, CONNECT R28 TO +3.3V. CHANGED SPI PINS FROM 0/1 TO 18/19 DUE TO ESPHOME ISSUES.

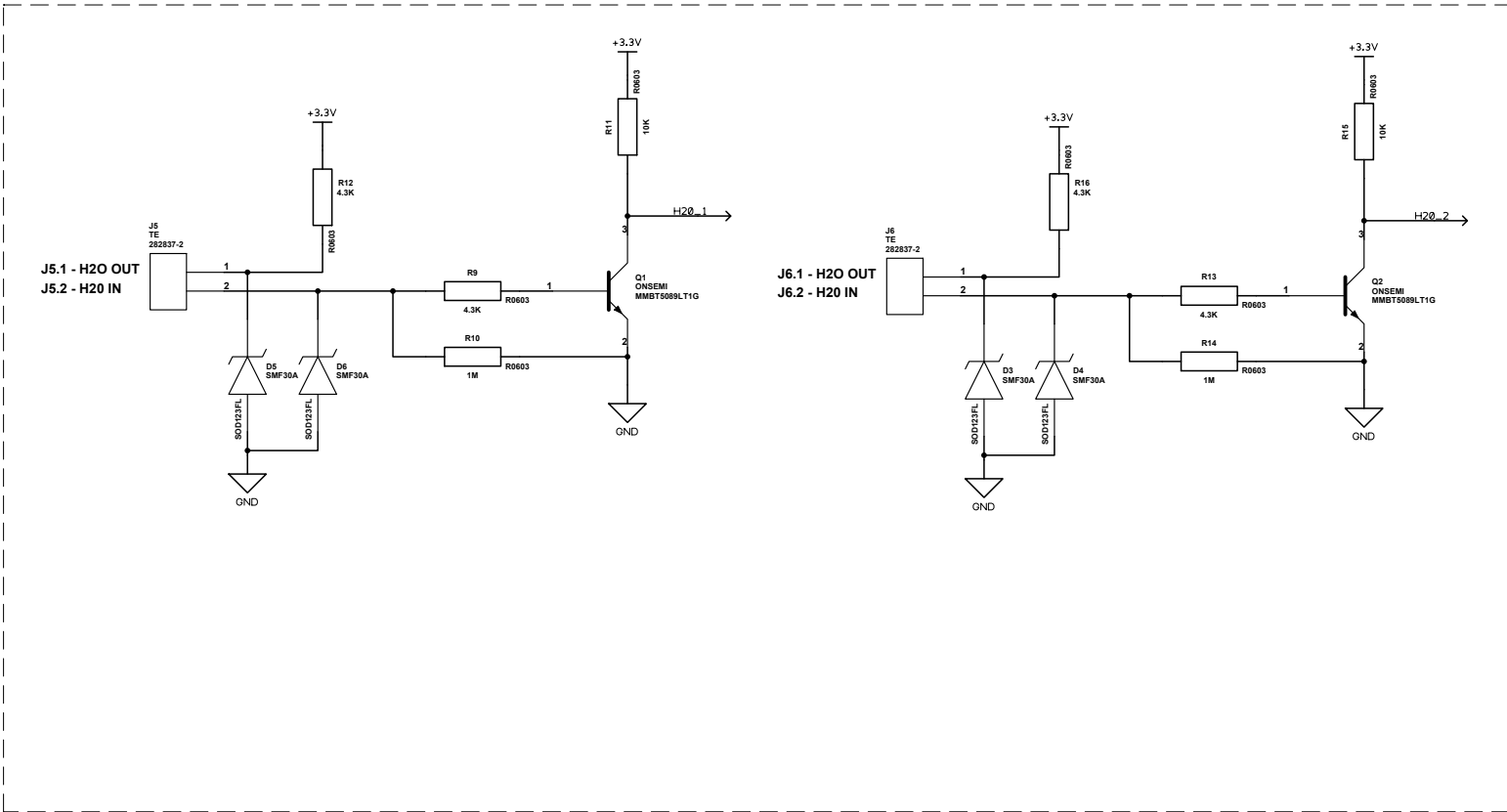
			HVAC MONITOR		
	BY	DATE			
DESIGN:	APD		DRAWING #:		REV:
				SHT: 01 OF 02	SIZE: B

REV	LOC	DESCRIPTION	DATE	APRV
1				

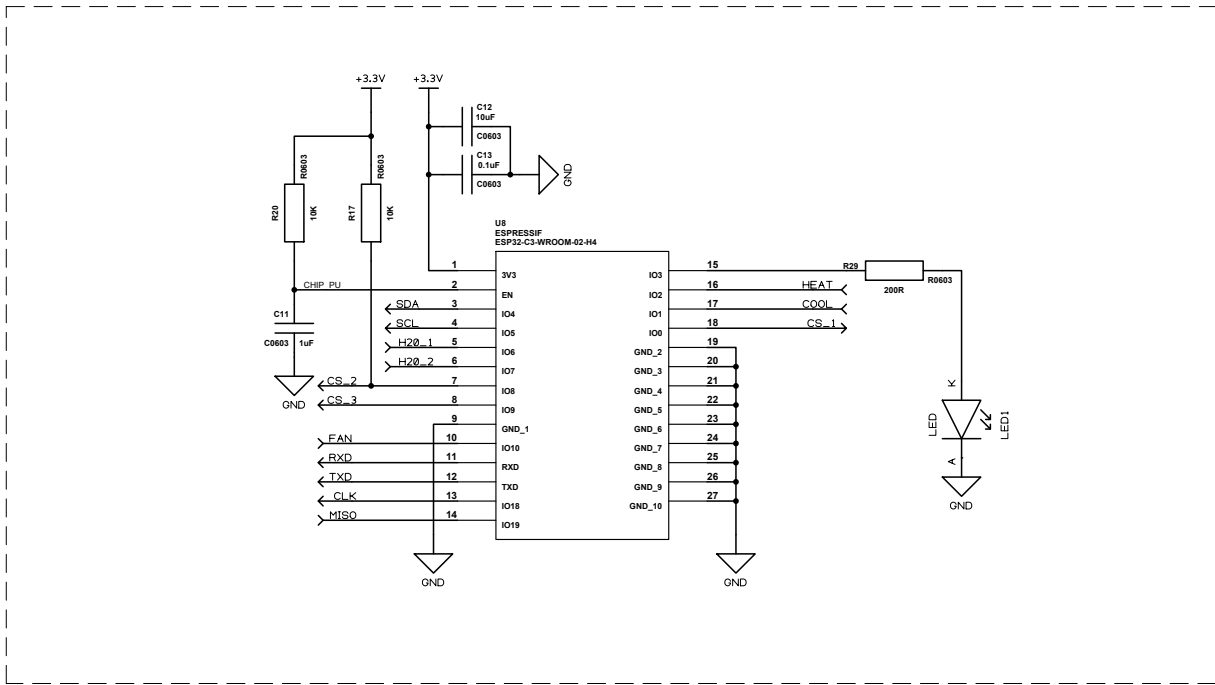
USB<->UART BRIDGE



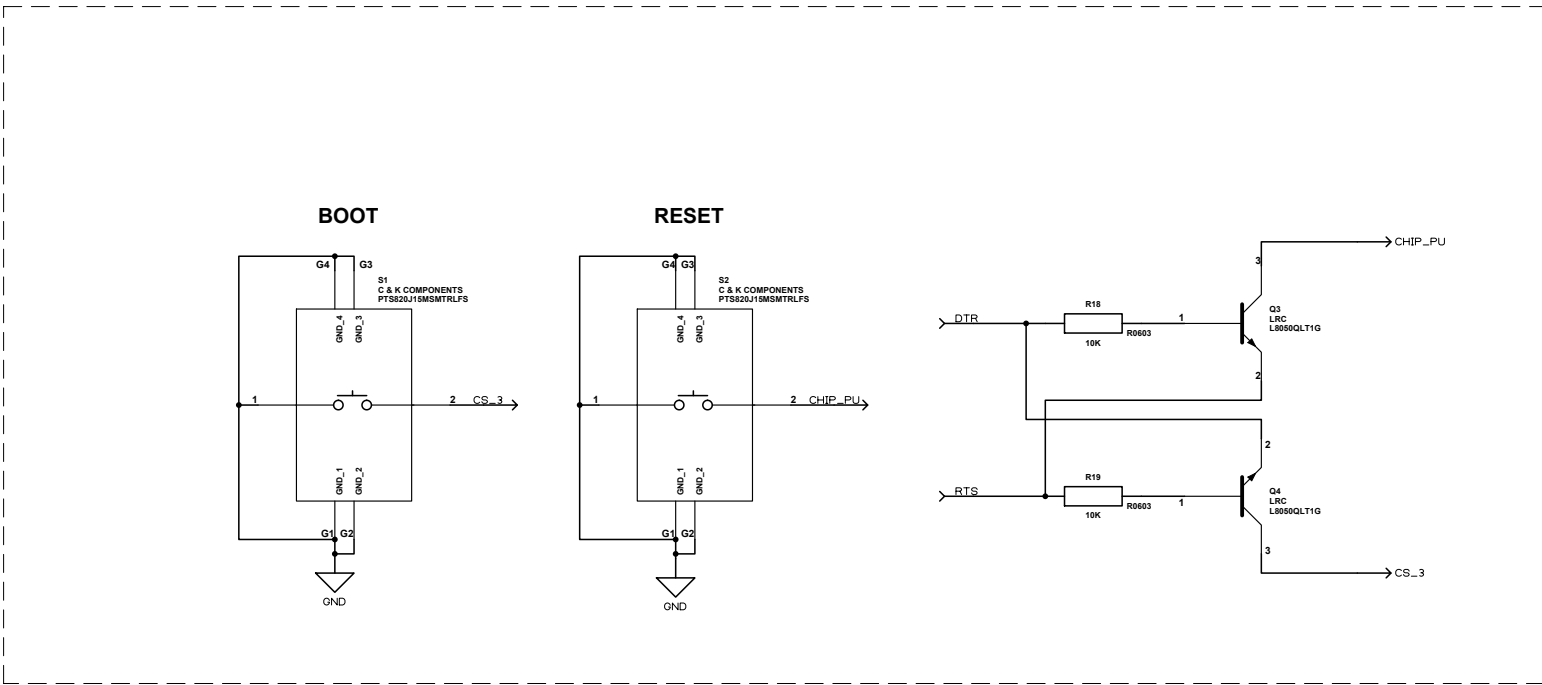
H2O DETECTION



ESP32-C3



BOOT



DRAWING #:	REV:
SHT: 2 OF 2	SIZE: B