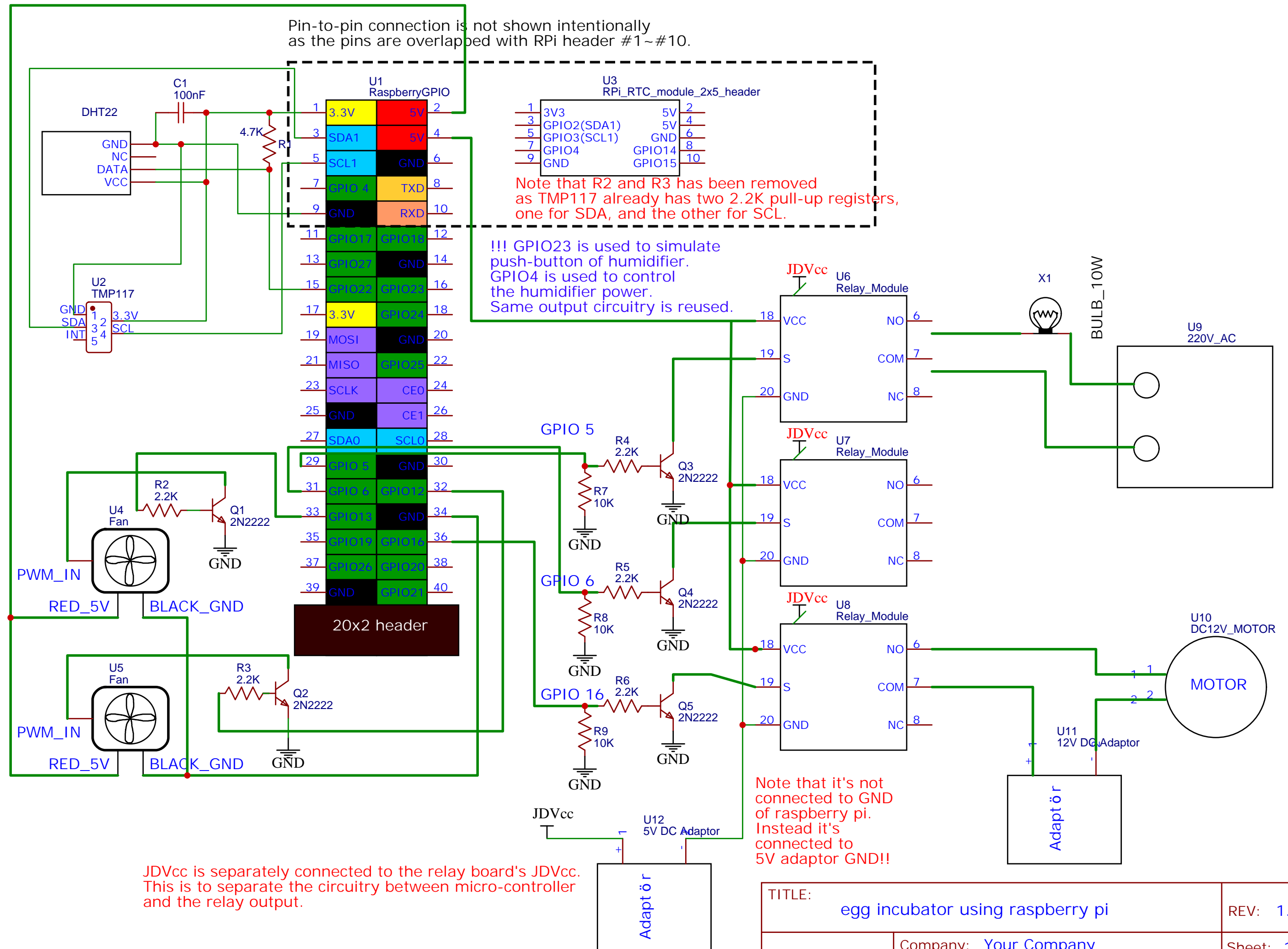


Pin-to-pin connection is not shown intentionally
as the pins are overlapped with RPi header #1~#10.



TITLE: egg incubator using raspberry pi		REV: 1.0
Company: Your Company		Sheet: 1/1
Date: 2021-08-02		Drawn By: ericseong

Temperature controlled relay for the safety, to prevent over-heating, of egg incubator

W3230 has several modes(model?) in supplying power, 12V, 15V, or 110~220VAC. This diagram shows the use case of using 110~220VAC as power supply.

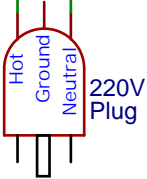
Requires heater mode configuration:
* ON for temp < 45
* OFF otherwise

temperature probe (to put inside the incubator)


S1
(W3230)TEMPERATURE_CONTROLLED_SWITCH

U13
220V outlet

All power plugs for the egg incubator will be plugged into the extensions connected to this outlet.



This shall be plugged into the separate wall outlet from the one used for powering all the devices for egg incubator itself.

TITLE: Safety measure for egg incubator		REV: 1.0
	Company: Your Company	Sheet: 1/1
	Date: 2021-08-16 Drawn By: ericseong	