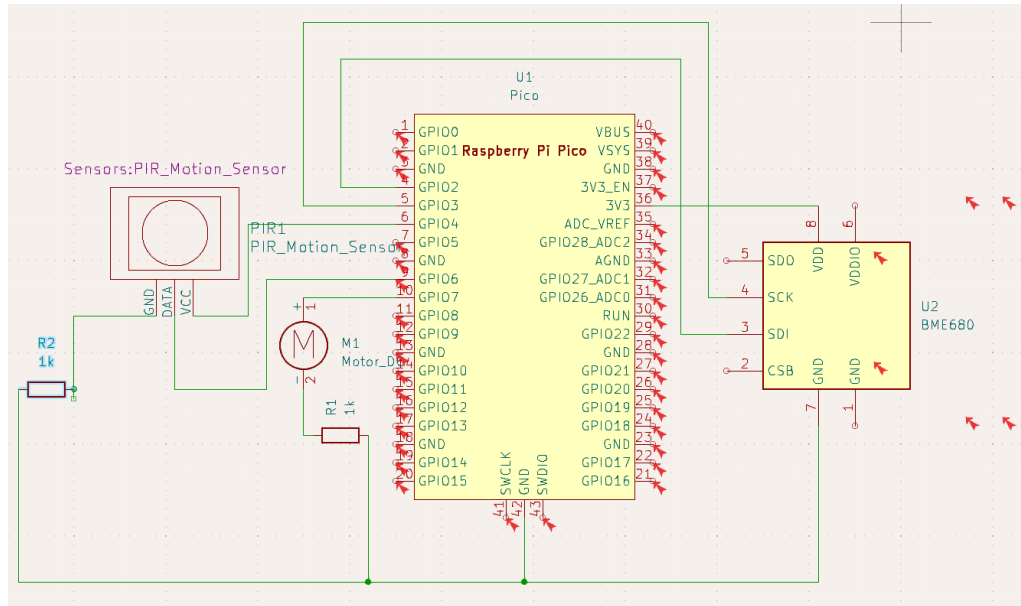


**By Disha Shakyawal**

Schematic:



The screenshot displays the PCB Editor interface with the Design Rules Checker (DRC) dialog box open. The DRC dialog shows 28 violations, all of which are errors related to malformed courtyards in footprints. The violations are listed as follows:

- Error: Footprint has malformed courtyard (not a closed shape) - Footprint PIR1
- Error: Footprint has malformed courtyard (self-intersecting) - Footprint PIR1
- Error: Footprint has malformed courtyard (not a closed shape) - Footprint PIR1
- Error: Footprint has malformed courtyard (not a closed shape) - Footprint PIR1
- Error: Footprint has malformed courtyard (not a closed shape) - Footprint PIR1
- Error: Footprint has malformed courtyard (self-intersecting) - Footprint PIR1
- Error: Footprint has malformed courtyard (not a closed shape) - Footprint PIR1
- Error: Footprint has malformed courtyard (self-intersecting) - Footprint PIR1

The main PCB editor window shows a top-down view of a PCB layout. The layout includes various components and footprints, with a focus on the 'PIR1' footprint. The right panel shows the 'Appearance' settings, including layers and objects. The status bar at the bottom indicates the current coordinates and dimensions.

## Project Output:

