

The schematic diagram illustrates the PCB sensor circuit. It features a stim input connected to a 10k resistor (R3). The other end of R3 is connected to the anode of a 1N4148 diode (D2). The cathode of D2 is connected to the sense input. A 0.75pF capacitor (C5) and a 1M resistor (R4) are connected in parallel between the sense input and ground. A capacitance PCB sensor (J2) is connected to the sense input line, with its other terminal connected to ground.

Pin connection diagram for the E18-MS1-PCB module. The module is shown as a tan rectangle with pins on all four sides. Pin 1 (GND) is at the bottom. Pin 2 (+3V0) is at the top. Pin 3 (P2.2) is on the right. Pin 4 (P2.1) is on the right. Pin 5 (join) is on the right. Pin 6 (P1.7) is on the right. Pin 7 (P1.6) is on the right. Pin 10 (P1.5) is on the right. Pin 11 (stim) is on the right. Pin 12 (P1.3) is on the right. Pin 13 (P1.2) is on the right. Pin 14 (P1.1) is on the right. Pin 15 (P1.0) is on the right. Pin 16 (P0.6) is on the left. Pin 17 (sda) is on the left. Pin 18 (scl) is on the left. Pin 19 (sense) is on the left. Pin 20 (P0.3) is on the left. Pin 21 (P0.2) is on the left. Pin 22 (P0.1) is on the left. Pin 23 (P0.0) is on the left. Pin 24 (reset) is on the left. The module is labeled 'U1 E18-MS1-PCB'.



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