**Mood Medallion Instructions:**

1. Never soldered before? Do a quick YouTube search for: Collin’s Lab Soldering.
2. You are missing the C1, R5 and RST parts in your kit. (Future programming option).
3. Solder the R1 resistor (Red, Red, Brown) or (Red, Yellow, Brown)
4. Solder the R2 resistor (Brown, Black, Red).
5. Solder the R3 resistor (Brown, Black, Orange)
6. Solder the R4 resistor (Yellow, Violet, Brown)
7. Solder the chip socket (8 pins, **NOTE: notch on top**).
8. Solder the on/off power switch. Solder 1 pin, check alignment and then solder the other 2 pins.
9. Solder the push button.
10. Solder the RGB LED making sure the long lead goes to the Arrow. Bend the leads and solder them carefully.
11. Solder the small, glass temperature sensor, making sure the sensor lays flat on the board.
12. Place the battery socket **on the back, noting the square notch faces downward** and solder carefully from the front.
13. Insert the battery **with the + up.**
14. Turn on and the RGB LED should randomly blink.

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| Mode 1 | Random Blinking |
| Mode 2 | Mood detector |
| Mode 3 | Temperature Sensor |
| Mode 4 | Red |
| Mode 5 | Green |
| Mode 6 | Yellow |
| Mode 7 | Blue |
| Mode 8 | Magenta |
| Mode 9 | Aqua |
| Mode 10 | White |