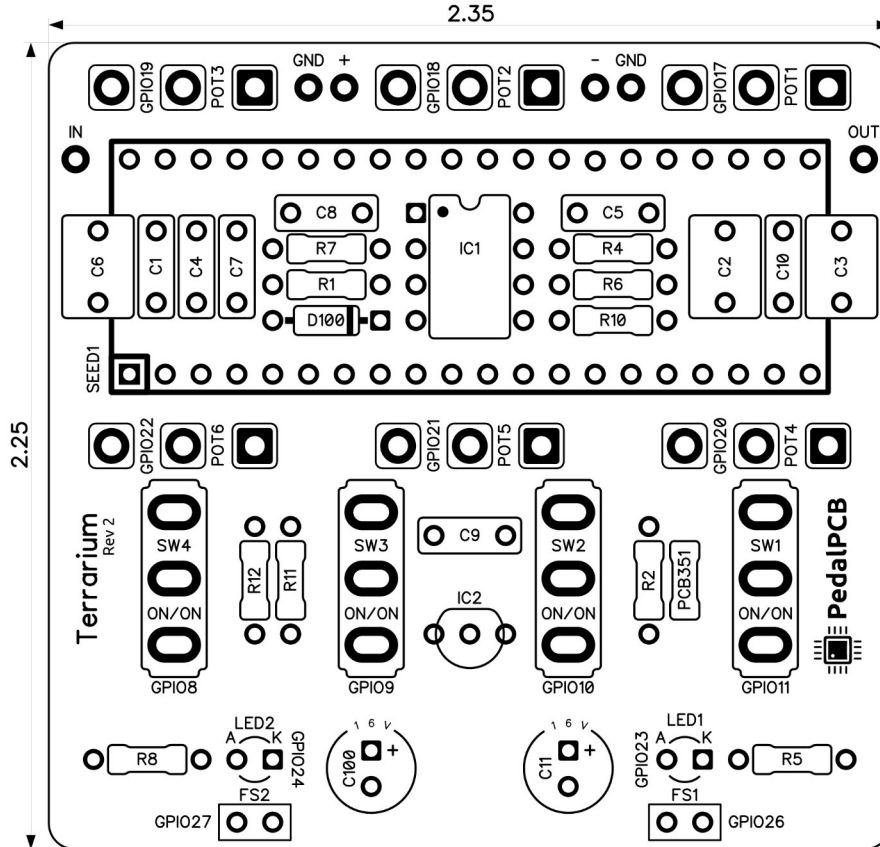




# Terrarium Platform

Revision 2

Revised 3/8/25

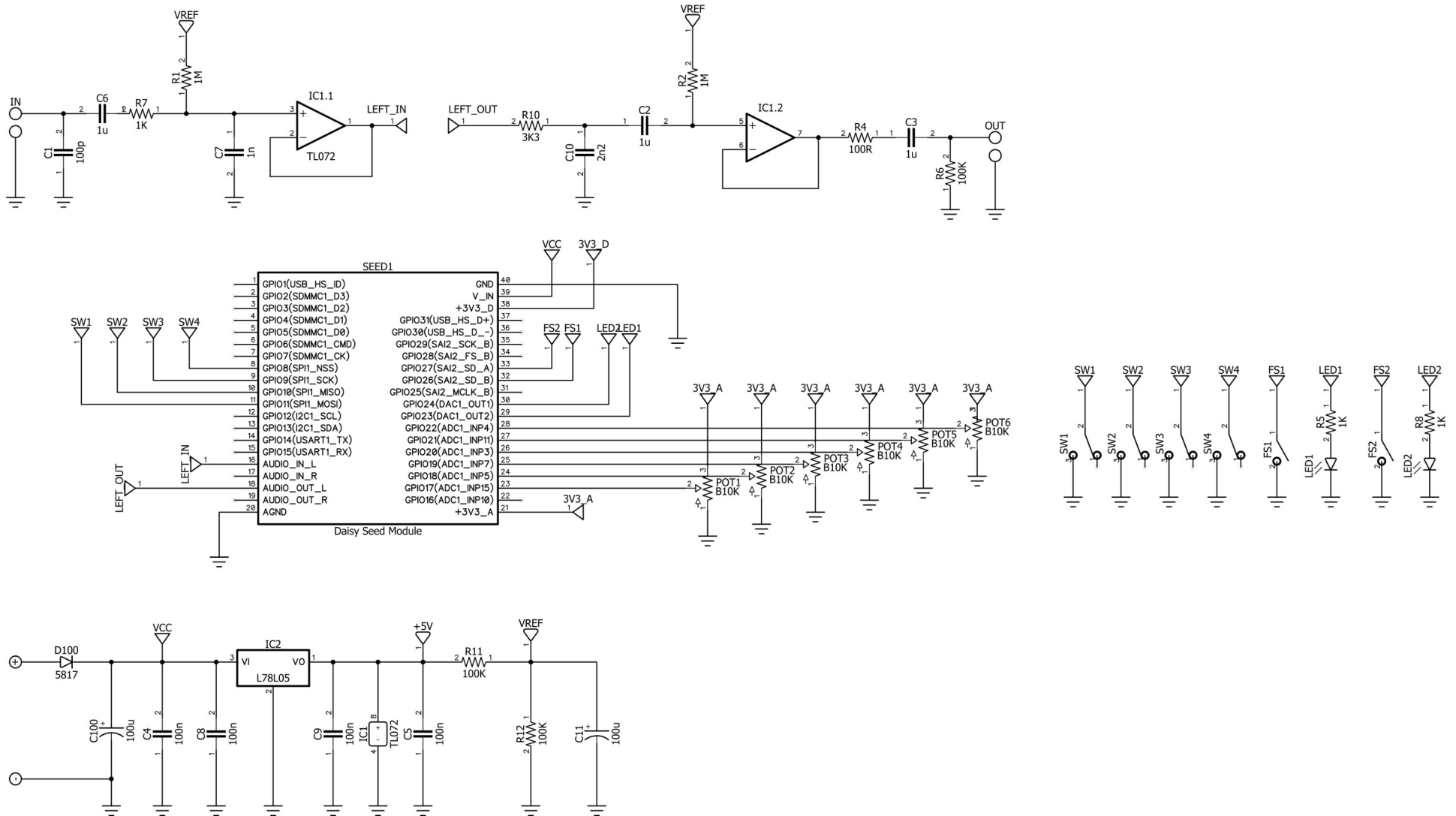


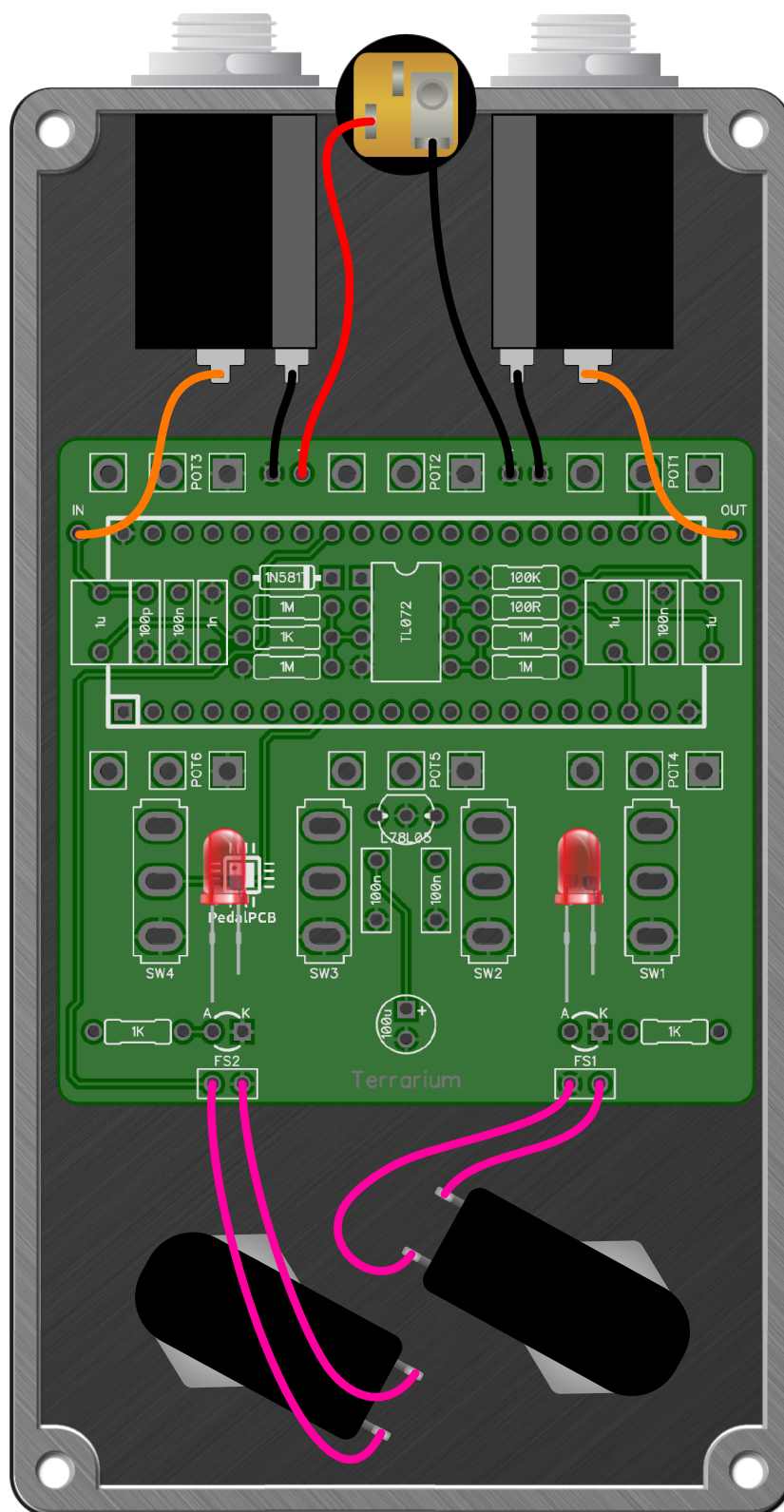
## CONTROLS AND FEATURES

- Potentiometer 1
- Potentiometer 2
- Potentiometer 3
- Potentiometer 4
- Potentiometer 5
- Potentiometer 6
- Toggle Switch 1
- Toggle Switch 2
- Toggle Switch 3
- Toggle Switch 4
- Footswitch 1
- Footswitch 2
- LED 1
- LED 2

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| LOCATION  | VALUE      | TYPE                            | NOTES              |
|-----------|------------|---------------------------------|--------------------|
| R1        | 1M         | Resistor, 1/4W                  |                    |
| R2        | 1M         | Resistor, 1/4W                  |                    |
| R4        | 100R       | Resistor, 1/4W                  |                    |
| R5        | 1K         | Resistor, 1/4W                  |                    |
| R6        | 100K       | Resistor, 1/4W                  |                    |
| R7        | 1K         | Resistor, 1/4W                  |                    |
| R8        | 1K         | Resistor, 1/4W                  |                    |
| R10       | 3K3        | Resistor, 1/4W                  |                    |
| R11       | 100K       | Resistor, 1/4W                  |                    |
| R12       | 100K       | Resistor, 1/4W                  |                    |
|           |            |                                 |                    |
| C1        | 100p       | Ceramic capacitor               |                    |
| C2        | 1u         | MLCC capacitor, 7.2 x 2.5mm     |                    |
| C3        | 1u         | MLCC capacitor, 7.2 x 2.5mm     |                    |
| C4        | 100n       | Film capacitor, 7.2 x 2.5mm     |                    |
| C5        | 100n       | Film capacitor, 7.2 x 2.5mm     |                    |
| C6        | 1u         | MLCC capacitor, 7.2 x 2.5mm     |                    |
| C7        | 1n         | Film capacitor, 7.2 x 2.5mm     |                    |
| C8        | 100n       | Film capacitor, 7.2 x 2.5mm     |                    |
| C9        | 100n       | Film capacitor, 7.2 x 2.5mm     |                    |
| C10       | 2n2        | Film capacitor, 7.2 x 2.5mm     |                    |
| C11       | 100u       | Electrolytic capacitor, 5mm     |                    |
| C100      | 100u       | Electrolytic capacitor, 5mm     |                    |
|           |            |                                 |                    |
| D100      | 1N5817     | Schottky diode, DO-41           |                    |
|           |            |                                 |                    |
| IC1       | TL072      | Dual op-amp, DIP8               |                    |
| IC2       | L78L05     | Linear voltage regulator, 5V    |                    |
|           |            |                                 |                    |
| SEED1     |            | Electro-Smith Daisy Seed Module |                    |
|           |            |                                 |                    |
| POT1      | B10K       | 16mm right-angle PCB mount pot  |                    |
| POT2      | B10K       | 16mm right-angle PCB mount pot  |                    |
| POT3      | B10K       | 16mm right-angle PCB mount pot  |                    |
| POT4      | B10K       | 16mm right-angle PCB mount pot  |                    |
| POT5      | B10K       | 16mm right-angle PCB mount pot  |                    |
| POT6      | B10K       | 16mm right-angle PCB mount pot  |                    |
|           |            |                                 |                    |
| SW1       | SPDT ON/ON | Toggle switch, SPDT             | 2-position (ON/ON) |
| SW2       | SPDT ON/ON | Toggle switch, SPDT             | 2-position (ON/ON) |
| SW3       | SPDT ON/ON | Toggle switch, SPDT             | 2-position (ON/ON) |
| SW4       | SPDT ON/ON | Toggle switch, SPDT             | 2-position (ON/ON) |
|           |            |                                 |                    |
| FS1       | SPST       | Foot switch, SPST               | Momentary SPST     |
| FS2       | SPST       | Foot switch, SPST               | Momentary SPST     |
|           |            |                                 |                    |
| PINHEADER |            | 20-pin Female 2.54mm Pinheader  | Quantity: 2        |
|           |            |                                 |                    |





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Drill Template  
125B Enclosure

