

MOSS DRUM V1.2 BILL OF MATERIALS

Note: We suggest the components be soldered in the order they are listed below

| PART | VALUE | QUANTITY | WHERE | PART NUMBER |
|--|---------------|----------|------------|-------------|
| RESISTORS | | | | |
| R1, R2, R5, R6, R7, R8, R9, R11 | 1k | 8 | Tayda | A-2123 |
| R3 | 10k | 1 | Tayda | A-2115 |
| R4 | 100k | 1 | Tayda | A-2071 |
| DIODES | | | | |
| D1 | 4002 | 1 | Tayda | A-158 |
| D2 | 4148 | 1 | Tayda | A-157 |
| IC SOCKETS | | | | |
| U1 | 8pin Socket | 1 | Tayda | A-001 |
| U2 | 14pin socket | 1 | Tayda | A-004 |
| VOLTAGE REGULATOR | | | | |
| U3 | 78L05 | 1 | Tayda | A-176 |
| LEDS | | | | |
| LED1, LED2 | 5mm LED | 2 | LED-Switch | 5mm LED |
| CAPACITORS | | | | |
| C1, C3 | 10uF | 2 | Tayda | A-4534 |
| C2, C4, C5 | 1uF | 3 | Tayda | A-4505 |
| SWITCHES | | | | |
| SW1 | SPST | 1 | Jameco | 76523 |
| SW2 | SPDT | 1 | Jameco | 317236 |
| POTENTIOMETERS | | | | |
| PITCH | 50k | 1 | Tayda | A-1869 |
| SENSITIVITY | 100k | 1 | Tayda | A-1851 |
| DECAY | 1M | 1 | Tayda | A-1864 |
| WIRED COMPONENTS | | | | |
| SW3 | BUTTON | 1 | Jameco | 315484 |
| J1, J2 | 1/4 Mono Jack | 1 | Tayda | A-4556 |
| WIRE | - | - | Jameco | 2185002 |
| ICs | | | | |
| U1 | LM358 | 1 | Tayda | A-045 |
| U2 | 74HC14 | 1 | Tayda | A-030 |
| MOSS DRUM V1.2 PCB | | | | |
| To order a PCB, follow this link and download 'MossDrumV1.2_GerberFiles.zip': https://github.com/SeaMossBand/Sea_Moss/tree/master/MossDrumV1.2/MossDrumV1.2_GerberFiles | | | | |
| Go to the Osh Park website to upload the 'MossDrumV1.2_GerberFiles.zip': https://oshpark.com/ | | | | |