|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Ref** | **Value** | **Note** | **Ref** | **Value** | **Note** |
| R1 | 10K |  | Q1 | BD139 | NPN |
| R2 | 4.7K |  | C2 | 10uF | Electrolytic |
| R3 | 4.7K |  | C3 | 0.1uF | Ceramic |
| R4 | 10K |  | C4 | 10uF | Electrolytic |
| R5 | 10K |  | C5 | 1000pF | Ceramic |
| R6 | 4.7K |  | C6 | 0.1uF | Ceramic |
| R7 | 1K |  | C7 | 0.1uF | Ceramic |
| R10 | 20K |  | C8 | 10uF | Electrolytic |
| R11 | 20K |  | C9 | 0.1uF | Ceramic |
| R12 | 10K |  | C10 | 0.1uF | Ceramic |
| R13 | 20K |  | D1 | 1n4148 |  |
| R14 | 10K |  | D2 | 1n4148 |  |
| R15 | 20K |  | D3 | 1n4148 |  |
| R16 | 10K |  | D4 | 1n4148 |  |
| R17 | 20K |  | D5 | 1n4148 |  |
| R18 | 10K |  | D6 | 1n4148 |  |
| R19 | 20K |  | IC1 | CD4040 | 16-DIP |
| R20 | 10K |  | IC2 | NE555 | 8-DIP |
| R21 | 20K |  | IC3 | LM324 | 14-DIP |
| R22 | 10K |  | LED1 | 3-mm red | Power On LED |
| R23 | 20K |  | LED2 | 3-mm green | MOS/BJT Ind. |
| R24 | 10K |  | SL1 | M05 male |  |
| R25 | 20K |  | SL2 | 4-pin | Male jumpers |
| R26 | 100K |  | SL3 | 5-pin female | Normal IC-socket |
| R27 | 100K |  | SL4 | 5-pin female | Machine screw IC socket |
| R28 | 10 | 1/4W | SL6 | 2-pin | Male Jumpers |
| R29 | 100 | 1/2W | SL7 | 2-pin | Male Jumpers |
| R30 | 100K |  | SL8 | 2-pin female | Normal IC-socket |
| R31 | 100K |  | SL9 | 2-pin female | Normal IC-socket |
| R32 | 100K |  | JP1 | 3-pin | Male jumper with shorting female |
| R33 | 68K |  | JP2 | 2-pin | Male jumper |
| R34 | 50K | 10-Turn Trim Pot | JP3 | 2-pin | Male jumper |
| R35 | 100K |  | JP4 | 2-pin | Male jumper |
| R36 | 10K |  | JP6 | 2-pin | Male jumper |
| R37 | 100K |  | JP8 | 2-pin | Male jumper |
| R38 | 100K |  | JP9 | 2-pin | Male jumper |
| R39 | 100K |  |  |  |  |
| R40 | 100K |  |  |  |  |
| R41 | 100K |  |  |  |  |
| R42 | 22K |  |  |  |  |

**Scope+ArduinoCurveTracer-V10(BOM)**

Note:

* All resistors 1/8W, 5% CFR unless noted otherwise.
* SL1 mates with a 5-pin female for power supply connections.