

SSSR Labs. VC Divider Bill of Material

Version 1.2

Mouser project link (Parts from other sources and minimal kits are EXCLUDED):

<http://www.mouser.com/ProjectManager/ProjectDetail.aspx?AccessID=21f3c123e1>

| # | Type | Value/Name | Qty. | Package | Designators |
|-----------------------|--------------|-------------------------|------|--------------------------|---|
| Chips, semiconductors | | | | | |
| 1 | IC | TL064CN | 2 | DIP14 | IC1, IC4 |
| 2 | IC | ATTINY13A* | 2 | DIP8 | IC2, IC5 |
| 3 | IC | LM393N | 1 | DIP8 | IC3 |
| 4 | IC | 78L05ACZ | 1 | TO92 | IC6 |
| 5 | Diode | 1N4148 | 4 | DO35 | D1, D2, D4, D5 |
| 6 | Diode | 1N4733 | 2 | DO35 | D3, D6 |
| 7 | LED | Red, 3mm, 1.8-2v | 2 | 3mm | LED1, LED2 |
| Resistors | | | | | |
| 8 | Resistor | 7.5K | 2 | 1/4W | R1, R12 |
| 9 | Resistor | 30K | 2 | 1/4W | R2, R13 |
| 10 | Resistor | 27K | 2 | 1/4W | R4, R15 |
| 11 | Resistor | 5.6K | 2 | 1/4W | R5, R16 |
| 12 | Resistor | 10K | 6 | 1/4W | R6, R10, R17, R21, R23, R26 |
| 13 | Resistor | 1K | 4 | 1/4W | R7, R11, R18, R22 |
| 14 | Resistor | 100K | 4 | 1/4W | R8, R9, R19, R20 |
| 15 | Resistor | 3K | 2 | 1/4W | R24, R25 |
| Capacitors | | | | | |
| 16 | Electrolytic | 10u | 2 | 2.5mm | C1, C2 |
| 17 | Ceramic | 100n | 7 | 5mm | C3, C4, C6, C7, C9, C11, C12 |
| 18 | Ceramic | 330n | 1 | 5mm | C5 |
| 19 | Ceramic | 1n | 2 | 5mm | C8, C10 |
| Hardware | | | | | |
| 20 | Pot | B50K Alpha 9mm horiz. | 2 | Purchase | R3, R14 |
| 21 | Jack Socket | WQP-PJ302M | 6 | Purchase | CLOCK1, CLOCK2, CV1, CV2, OU1, OUT2 |
| Headers, IC Sockets | | | | | |
| 22 | Header | 2x5pin Male or BH10 | 2 | | JP1, JP2 |
| 23 | Header | 4pin MTA Male | 1 | | J1 (Optional — 5U power connector) |
| 24 | IC Socket | IC Socket DIP8 | 3 | DIP8 | IC2, IC3, IC5 |
| 25 | IC Socket | IC Socket DIP14 | 2 | DIP14 | IC1, IC4 |
| Off-PCB components | | | | | |
| 26 | Jumper | 2pin jumper | 4 | | |
| 27 | Knob | Davies 1900H or similar | 2 | Purchase | |
| 28 | Screw | M3x6 screw | 2 | | |
| 29 | Cable | Eurorack Cable 10pin | 1 | Purchase | |

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