

MST VC Low Pass Filter Visual Bill of Materials / Parts List

Resistors

- 100Ω - R26
- 220Ω - R3, R19, R21, R25, R36, R37, R40, R41
- 1kΩ - R4, R27, R30, R38
- 2kΩ %1 - R5
- 4.7kΩ - R23, R28, R31, R32
- 4.7kΩ 1% - R17
- 10kΩ - R11, R20
- 20kΩ - R6, R7
- 100kΩ - R1, R2, R8, R9, R12, R13, R16, R18, R22, R24, R29, R33, R34, R35, R39
- 200kΩ - R14
- 200kΩ 1% - R15
- 20MΩ - R10

Diodes

- 1N4148 - D1, D2, D3, D4
- 1N751(5.1V Zener) - DZ1

Capacitors

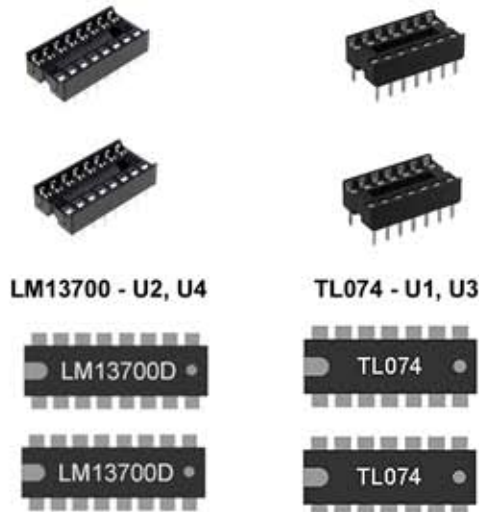
- 100pF Ceramic - C1
- 100nF Ceramic - C6, C9
- 10uF Electrolytic - C7, C8
- 150pF Kemet - C2, C3, C4, C5

Total - 9 Transistors

- 2N3906 - Q1, Q2

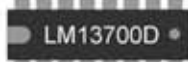
Integrated Circuits

- 16-Pin Socket - U2, U4
- 14-Pin Socket - U1, U3



LM13700 - U2, U4

TL074 - U1, U3



Potentiometers

- 50kΩ Trim Pot - TR200
- B100kΩ Vertical Mount Pot - VR1, VR2, VR3, VR4



Jacks/ Connectors

- 5-Pin Male Header - J1, J2, J3, J4
- 5-Pin Female Header - J5, J6, J7, J8



- 3.5mm Vertical Mount Mono Jack - J9, J10, J11, J12, J13, J14



16-Pin Shrouded Header



2.5mm Screws



3mm Screws



Black Knobs



Vactrol - VTL1



16-Pin Power Cable



PCB and Panels



11mm Standoffs

