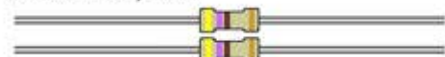


MST Noise, Sample and Hold Visual Bill of Materials / Parts List

Resistors

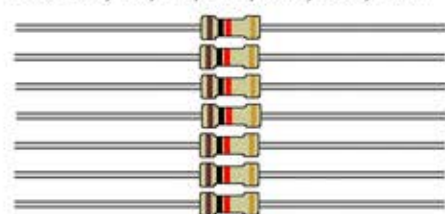
470Ω - R20, R22



820Ω - R4



1kΩ - R3, R6, R8, R11, R18, R19, R24



2kΩ - R13



20kΩ - R15



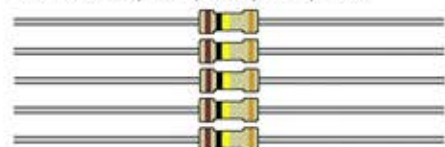
27kΩ - R12



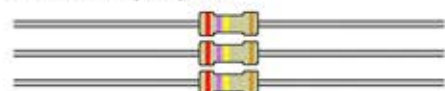
47kΩ - R10



100kΩ - R7, R14, R16, R17, R23



270kΩ - R1, R9, R21



1.5MΩ - R2



10MΩ - R5



Total - 24

Diodes

1N5237 Zener Diode - D1



1N4148 Diode - D2, D3, D5, D6, D7, D8



SD103C Diode - D4



Total - 8

Capacitors

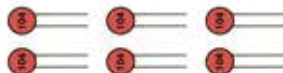
1nF Ceramic - C3



10nF Ceramic - C5, C8



100nF Ceramic - C1, C4, C6, C7, C10, C12



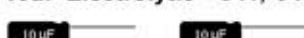
470nF Ceramic - C2



470nF Kemet - C9



10uF Electrolytic - C11, C13



Total - 13

Transistors

J175 JFET Transistor - Q1



Integrated Circuits

14 Pin DIP Socket - U1, U2



TL074 - U1, U2



Potentiometers

500kΩ Linear Trim - RT1



50kΩ Linear Trim - RT2, RT3, RT4



Switches

SPDT On - On Switch - SW1



Jacks/Connectors

3.5mm Side Mount Jack - J1, J2, J3, J4, J5, J6



16 Pin Shrouded Header - J6



Screws



16 Pin Power Cable



Panel and PCB

