

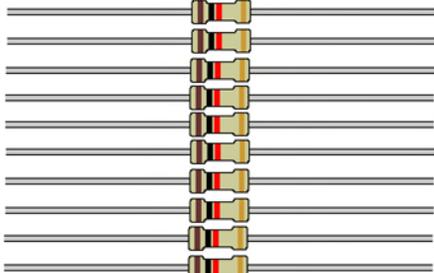
MST Dual Envelope Visual Bill of Materials / Parts List

Resistors

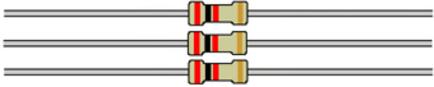
470Ω - R30



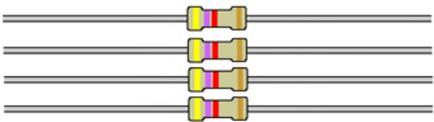
1kΩ - R1, R17, R34, R36, R45, R47, R55, R61, R64, R65



2kΩ - R21, R57, R59



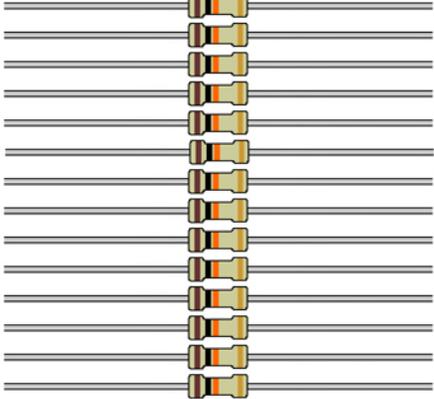
4.7kΩ - R6, R10, R50, R51



7.5kΩ - R16, R41



10kΩ - R5, R18, R19, R20, R26, R27, R28, R29, R37, R43, R48, R49, R52, R63



20kΩ - R2, R8



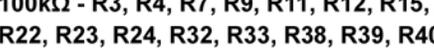
27kΩ - R53, 62



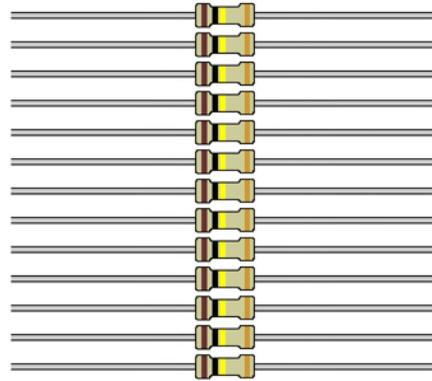
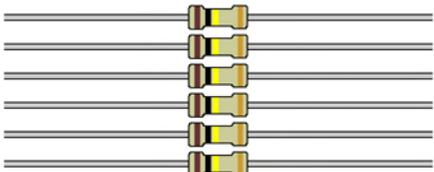
33kΩ - R14



47kΩ - R13

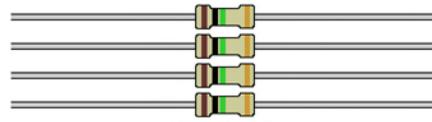


100kΩ - R3, R4, R7, R9, R11, R12, R15, R22, R23, R24, R32, R33, R38, R39, R40, R54, R56, R58, R60



680kΩ - R25, R31

1MΩ - R35, R42, R44, R46



Total: 65
Diodes

3mm Green LED - LED1



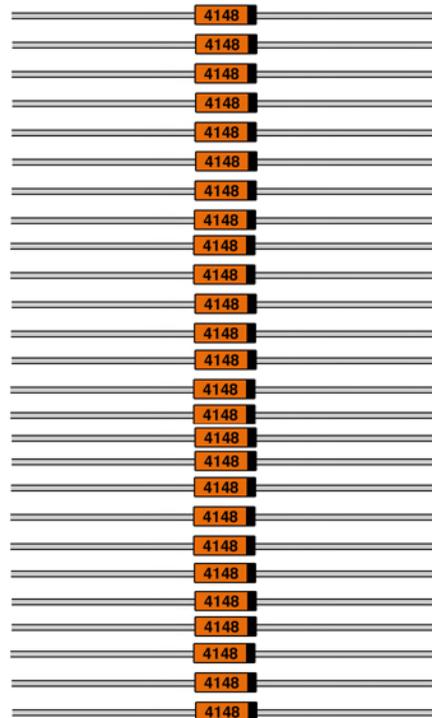
3mm Red LED - LED2



4.3V Zener - DZ1, DZ2



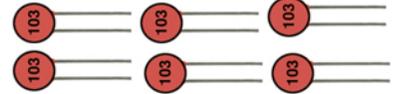
1N4148 - D1, D2, D3, D4, D5, D6, D7, D8, D9, D10, D11, D12, D13, D14, D15, D16, D17, D18, D19, D20, D21, D22, D23, D24, D25, D26



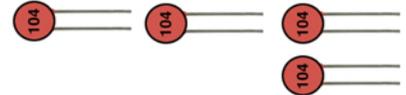
Total: 30

Capacitors

10nF Ceramic - C4, C5, C6, C10, C11, C12



100nF Ceramic - C15, C16, C17, C18



4.7μF Electrolytic - C1, C2, C3, C7, C8, C9



10μF Electrolytic - C13, C14



Total: 18

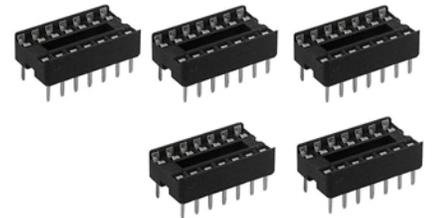
Transistors

2N3904 - Q1, Q2, Q3, Q4



Integrated Circuits

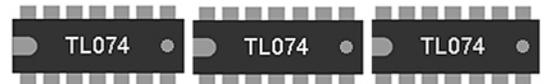
14-Pin Socket - U1, U2, U3, U4, U5



CD4011 - U1, U2



TL074 - U3, U4, U5



Potentiometers

B100k Vertical Mount - VR3, VR6



A1M Vertical Mount - VR1, VR2, VR4, VR5



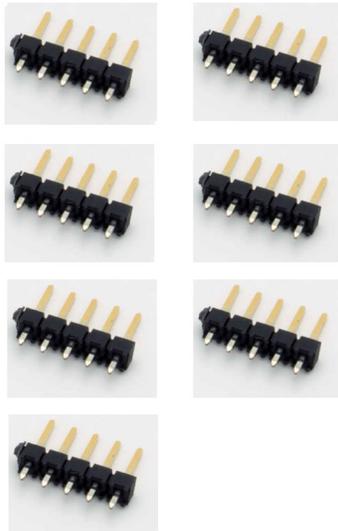
MST Dual Envelope Visual Bill of Materials / Parts List

Switches

SPDT ON/ON - SW1, SW2, SW3, SW4,
SW5, SW6



5-Pin Male Header - J1, J2, J4, J6, J7, J8, J9



16-Pin Power Cable

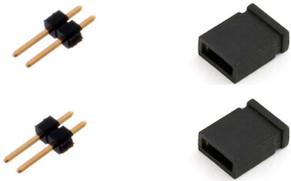


Jacks/Connectors

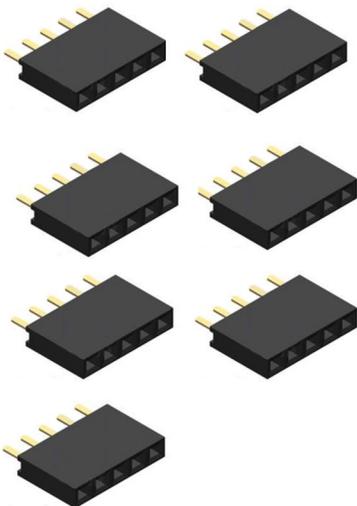
3.5mm Vertical Mount Jack - J10, J11,
J12, J13, J14, J15, J16, J17



2-Pin Header/Jumper - HDR200, HDR201



5-Pin Female Header - J202, J203, J204,
J205, J206, J208, J209



16-Pin Keyed Shrouded Header -
J200



Others

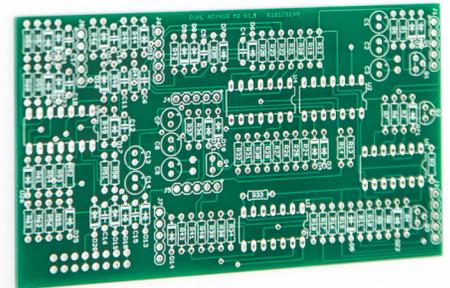
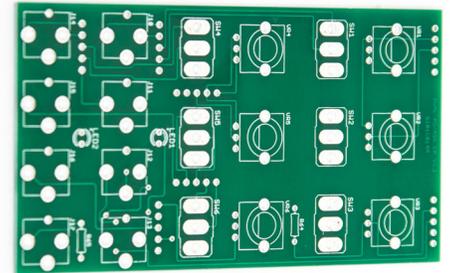
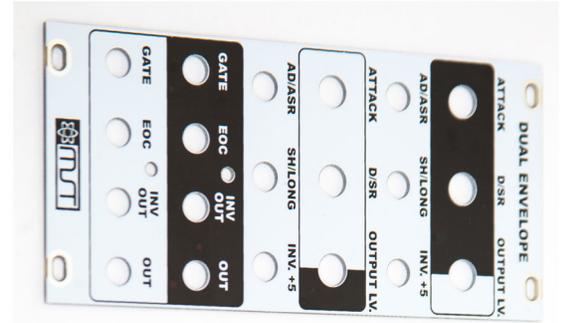
Knobs



2.5mm and 3mm Screws



Panel and PCBs



11mm Standoffs and Screws



MST DUAL ENVELOPE QUICK START GUIDE

