

*Phase
Tone*

1 Vol 2 3

Rate

Depth

LED

T

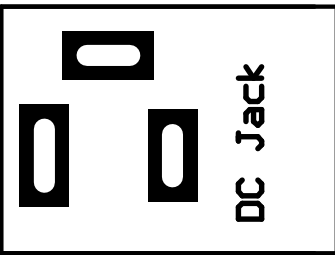
R

S

OUT

IN

3PDT



Led R

Designator	Value	Comment	Quantity	Description
C1, C2, C3, C4	3.3n	332	4	Capacitor ,non polar
C5	47n	473	1	Capacitor ,non polar
C6, C8, C10	1uF	1uF	3	Polarized Capacitor (Radial)
C7	4.7uF	4.7uF	1	Polarized Capacitor (Radial)
C9	10n	103	1	Capacitor ,non polar
C11	100n	104	1	Capacitor ,non polar
C12	10uF	10uF	1	Polarized Capacitor (Radial)
C13	100pF	101	1	Capacitor ,non polar
D1, D3		1N4148	2	High Conductance Fast Diode
D2		1N4001/7	1	1-/Amp General Purpose Rectifier Diode
DC Jack		DC Jack, 2.1 mm	1	DC Jack, 2.1 mm
Depth, Rate	B1M	B1M	2	Potentiometer
IN		NMJ6HCD2 In/ Out Jack	1	NMJ6HCD2
LED		LED	1	3mm Defused LED (Red)
Led R, R20	4.7k	Yellow, violet, red, gold	2	Resistor
OUT		NMJ6HCD2 . In/ Out Jack	1	NMJ6HCD2
R1, R4, R7, R10, R11, R12, R13, R14, R23, R24, R25, R26, R29	30k	Orange, black, orange, gold	13	Resistor
R2, R3, R8, R9	1.8k	Brown, gray, red, gold	4	Resistor
R5, R6	220k	Red, red, yellow, gold	2	Resistor
R15, R17, R18, R19, R21, R22, R28, R31	10k	Brown, black, orange, gold	8	Resistor
R16	100k	Brown, black, yellow, gold	1	Resistor
R27	470k	Yellow, violet, yellow, gold	1	Resistor
R30	1K	Brown, black, red, gold	1	Resistor
R32	2.2M	Red, red, green, gold	1	Resistor *Can be omitted
SW	3PDT	3PDT	1	Foot Switch 3PDT
U1		4558	1	Dual Op Amp *Mind the correct positioning
U2, U3, U4		*Mind the correct positioning	3	LM13600/ 700 OTA
Vol	B100k	B100k	1	Potentiometer