

| CAPACITORS            | QTY | X | X | Designators              |
|-----------------------|-----|---|---|--------------------------|
| 100nF 50V Polyester   | 5   |   |   | C2, C4, C12, C19, C20    |
| 1nF 50V Polyester     | 1   |   |   | C5                       |
| 22uF 50V Electrolytic | 6   |   |   | C1, C6, C7, C9, C13, C16 |
| 2u2 50V Electrolytic  | 2   |   |   | C17, C18                 |
| 470nF 50V Polyester   | 4   |   |   | C3, C8, C10, C11         |
| 6n8 63V Polypropylene | 4   |   |   | C14, C15, C21, C22       |

| RESISTORS                       | QTY | X | X | Designators  |
|---------------------------------|-----|---|---|--|
| 100K 0.5W 1% Metal Film         | 10  |   |   | R6, R9, R20, R26, R38, R45, R48, R49, R54, R63       |
| 10K 0.5W 1% Metal Film          | 11  |   |   | R1, R11, R16, R25, R30, R43, R44, R53, R55, R56, R60 |
| 100R 0.5W 1% Metal Film         | 2   |   |   | R7, R8   |
| 15K 0.5W 1% Metal Film          | 1   |   |   | R3   |
| 1K 0.5W 1% Metal Film           | 9   |   |   | R18, R24, R29, R37*, R39, R40*, R42, R52, R49, R65   |
| 22K 0.5W 1% Metal Film          | 1   |   |   | R5   |
| 22R 0.5W 1% Metal Film          | 4   |   |   | R34, R35, R61, R62                                   |
| 270K 0.5W 1% Metal Film         | 1   |   |   | R66  |
| 27K 0.5W 1% Metal Film          | 8   |   |   | R14, R23, R27, R28, R28, R50, R51, R58               |
| 30K 0.5W 1% Metal Film          | 2   |   |   | R15, R22   |
| 330K 0.5W 1% Metal Film         | 1   |   |   | R47  |
| 470K 0.5W 1% Metal Film         | 3   |   |   | R12, R21, R46  |
| 47K 0.5W 1% Metal Film          | 3   |   |   | R32, R33, R36  |
| 47R 0.5W 1% Metal Film          | 1   |   |   | R2   |
| 4K7 0.5W 1% Metal Film          | 3   |   |   | R4, R17, R19   |
| 56K 0.5W 1% Metal Film          | 2   |   |   | R13, R41   |
| 6K8 0.5W 1% Metal Film          | 1   |   |   | R10  |
| 7K5 0.5W 1% Metal Film          | 1   |   |   | R31  |
| 82K 0.5W 1% Metal Film          | 1   |   |   | R64  |
| 10K LOG (Vishay 248)            | 1   |   |   | EMPHASIS   |
| 50K LIN (Vishay 248)            | 1   |   |   | RATE   |
| 50K LOG (Vishay 248)            | 2   |   |   | FREQ, DEPTH  |
| 470K Horizontal Trimpot - PT10V | 1   |   |   | TUNE   |

| SEMICONDUCTORS        | QTY | X | X | Designators                              |
|-----------------------|-----|---|---|--|
| LM13700 Dual OTA      | 2   |   |   | U3, U4                                   |
| TL072 Dual JFET Opamp | 1   |   |   | U2                                       |
| TL074 Quad JFET Opamp | 1   |   |   | U1                                       |
| BC550 NPN Transistor  | 10  |   |   | Q1, Q2, Q3, Q5, Q6, Q7, Q8, Q9, Q11, Q12 |
| BC560 PNP Transistor  | 2   |   |   | Q4, Q10                                  |
| 5mm Red/Green LED     | 1   |   |   | LED                                      |
| Single bead inductor  | 2   |   |   | L1, L2                                   |

| HARDWARE                                      | QTY | X | X | Designators                 |
|---|-----|---|---|-----------------------------|
| 6.35mm Mono Switched Socket, SwitchCraft 112A | 4   |   |   | IN, OUT, CV, LFO            |
| 27mm MOTM/Moog Style Knob                     | 4   |   |   | EMPHASIS, RATE, FREQ, DEPTH |
| 5mm Clear Lens Mount                          | 1   |   |   | LED                         |
| 4-way 0.156" Housing with Crimp               | 1   |   |   | PWR                         |
| 4-way 0.156" Straight, Locking Header         | 1   |   |   | PWR                         |
| 8-pin IC Socket                               | 1   |   |   | U2                          |
| 14-pin IC Socket                              | 1   |   |   | U1                          |
| 16-pin IC Socket                              | 2   |   |   | U3, U4                      |
| * fit either R37 or R40 - see documentation   |     |   |   |                             |