

ES78 - VCA Component Kit

| Item | Description | Qty | Designator | Package |
|------|--------------------------|-----|------------------|--------------|
| | CAPACITOR | | | |
| 1 | 47pF 5% Ceramic | 1 | C202 | RAD-0.2N |
| 2 | 10nF 5% Ceramic | 2 | C504, C505 | RAD-0.2N |
| 3 | 100nF Ceramic | 2 | C506, C507 | RAD-0.2N |
| 4 | 100nF 63V Polyester | 1 | C201 | RAD-0.2 |
| 5 | 10uF 35V Electrolytic | 3 | C501, C502, C503 | RB-D5.0-P2.0 |
| | | | | |
| | CONNECTOR | | | |
| 6 | IDC16 Box Header | 1 | J501 | 2.54MM |
| 7 | 1x4 Pin 16mm Header | 3 | J102, J202, J203 | - |
| 8 | 8-pin IC Socket 0.3inch | 1 | U202 | DIP-8 |
| 9 | 16-pin IC Socket 0.3inch | 1 | U201 | DIP-16 |
| | | | | |
| | DIODE | | | |
| 10 | 1N4148 | 1 | D101 | DIODE-0.3 |
| 11 | 6V2 5% 500mW | 1 | D501 | DIODE-0.3 |
| | | | | |
| | LINEAR | | | |
| 12 | TL071 JFET Opamp | 1 | U202 | DIP-8 |
| 13 | LM13700 - Dual OTA | 1 | U201 | DIP-16 |
| | | | | |
| | INDUCTOR | | | |
| 14 | Ferrite Bead - 5A | 2 | L501, L502 | AXIAL-0.3 |
| | | | | |
| | POTENTIOMETER | | | |
| 15 | 20KB LIN - 18T Spline | 1 | P102 | ALPHA 16MM |
| | | | | |
| | RESISTOR | | | |
| 16 | 330R 1% 0.5W Metal Film | 3 | R203, R206, R210 | AXIAL-0.4 |
| 17 | 1K0 1% 0.5W Metal Film | 2 | R103, R108 | AXIAL-0.4 |
| 18 | 2K2 1% 0.5W Metal Film | 2 | R107, R501 | AXIAL-0.4 |
| 19 | 10K 1% 0.5W Metal Film | 1 | R207 | AXIAL-0.4 |
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