

| <b>JAZ80 Homebrew Z80 Computer Level 0 BOM</b> |            |     |                 |   |
|--|------------|-----|-----------------|---|
| Part Number                                    | Designator | Qty | Package         | Notes   |
| Z80 A CPU                                      | U1         | 1   | DIP -40         |   |
| 28C256 EEPROM                                  | U2         | 1   | DIP-28          |   |
| 628128 Static RAM                              | U3         | 1   | DIP-32          |   |
| NE555P   | U4         | 1   | DIP-8           |   |
| 74LS138  | U5         | 1   | DIP-16          |   |
| 74LS02   | U6         | 1   | DIP-14          |   |
| 74LS244  | U7         | 1   | DIP-20          |   |
| 74LS373  | U8         | 1   | DIP-20          |   |
| 4 MHz Oscillator                               | X1         | 1   | Dip-14          |   |
| Resistor Network 8x10K                         | RN1, RN3   | 2   | DIP-16 or SIP 9 | May be repaced with discreet 1/4W resistors   |
| Resistor Network 10x10K                        | RN2        | 1   | DIP-20          | May be repaced with discreet 1/4W resistors   |
| Resistor 1K 1/4W                               | R1         | 1   |                 |   |
| Resistor 330 Ohm 1/4W                          | R2         | 1   |                 |   |
| Trimpot 50K                                    | RV1        | 1   |                 |   |
| 10 uF 16V Capacitor                            | C1         | 1   |                 |   |
| 0.1 uF 16V Capacitor                           | C2-C11     | 10  |                 |   |
| Push Button Switch                             | SW1        | 1   |                 |   |
| 8-Position DIP Switch                          | SW2        | 1   | DIP-16          |   |
| Orange LED                                     | D1         | 1   |                 | Any color will do                             |
| 10 Segent LED Bar                              | BAR1       | 1   | DIP-20          | May be replaced with discreet LEDs, any color |
| <b>Also Needed:</b>                            |            |     |                 |   |
| Prototyping Breadboards                        |            |     |                 |   |
| Hookup Wire                                    |            |     |                 |   |
| 5V 1A Regulated Power Supply                   |            |     |                 |   |