

| Parts List for SALT - 68HC11 Ver.2.1 Printed Circuit Board: |                                |                   |                                |          |
|---|--------------------------------|-------------------|--------------------------------|----------|
| Two sided printed circuit board                             |                                |                   |                                |          |
| or perf board + the parts listed below.                     |                                |                   |                                |          |
| DIGI-KEY, Catalog #962, 1996                                |                                |                   |                                |          |
| part  | part #                         | price (in bulk)   | price one bd.                  | ten bds. |
| 48 pin socket   | ED3748-ND                      | 1.94(10@13.48)    | \$1.94                         | \$13.48  |
| 20 pin socket   | ED3120-ND                      | .81(10@5.62)      | \$0.81                         | \$5.62   |
| terminal block  | ED1601-ND                      | .34(10@3.08)      | \$0.34                         | \$3.08   |
| connector, modular  | A9036-ND                       | 1.20(25@24.02)    | \$1.20                         | \$12.00  |
| headers,pin,36  | S1012-36-ND                    | 1.00 x 2(10@8.93) | \$2.00                         | \$17.86  |
| switch,mom.push button                                      | P8037S-ND                      | .26(10@2.24)      | \$0.26                         | \$2.24   |
| slide switches  | EG1903-ND                      | .57(10@5.13)      | \$0.57                         | \$5.13   |
| resistor net.,6 pin   | Q5-103-ND                      | .25(10@2.02)      | \$0.25                         | \$2.02   |
| resistor net.,8 pin   | Q7-103-ND                      | .33(10@2.67)      | \$0.33                         | \$2.67   |
| resistor net.,10 pin  | Q9-103-ND                      | .42(10@3.36)      | \$0.42                         | \$3.36   |
| xstal, uP 8 MHz (20pf)                                      | CTX082-ND                      | 1.27(10@10.64)    | \$1.27                         | \$10.64  |
| cap,alum.elect,rad,47uf                                     | P969-ND                        | 0.0(10@2.10)      | \$2.10                         | \$2.10   |
| cap,tant,16v,1uf  | P2105-ND                       | .30(10@2.55)      | \$0.30                         | \$2.55   |
| cap,cer.axial,50v,0.1uf                                     | 1210PHCT-ND                    | 0.18x 2(10@1.35)  | \$0.36                         | \$2.70   |
| cap,stack,met.film,0.01                                     | P4513-ND                       | 0.0(10@1.32)      | \$1.32                         | \$1.32   |
| cap,cer.disc10pf  | P4012-ND                       | 0.0 x 2(10@.78)   | \$0.78                         | \$1.56   |
| diode,zener 1w, 6.2v  | 1N4735ACT-ND                   | .26(10@1.75)      | \$0.26                         | \$1.75   |
| res,carb.film1/8w1K   | 1.0KEBK-ND                     | 5@.28(200@4.70)   | \$0.28                         | \$0.56   |
| res,carb.film4.7K(x 2)                                      | 4.7KEBK-ND                     | 5@.28(200@4.70)   | \$0.28                         | \$1.12   |
| res,carb.film,10M   | 10MEBK-ND                      | 5@.28(200@4.70)   | \$0.28                         | \$0.56   |
| cable assembly,modular                                      | H3643-07-ND                    | 1.17(10@9.51)     | \$1.17                         | \$9.51   |
| backshell,D-sub   | 925GP-ND                       | .50(10@4.46)      | \$0.50                         | \$4.46   |
| backshell,grom.set(5)                                       | 901G-ND                        | 5@1.53            | \$1.53                         | \$3.06   |
| connector,D-sub,fem.  | 225F-ND                        | .98(10@8.72)      | \$0.98                         | \$8.72   |
| cable ties  | TT101-ND                       | 0.0(100@2.69)     | \$2.69                         | \$2.69   |
| Power Cord Wire and<br>Banana Plugs                         | red and black<br>red and black |                   | as needed for your application |          |
| JDR Microdevices, Catalog #49:                              |                                |                   |                                |          |
| uController   | 68HC11A1P                      |                   | \$13.49                        | \$134.90 |
| Dallas EconoReset   | DS1233                         |                   | \$1.95                         | \$19.50  |
| RS232 converter   | MAX233CPP                      |                   | \$6.29                         | \$62.90  |
|   |                                | PARTS TOTAL       | \$43.95                        | \$338.06 |
| 5/11/1996   |                                |                   |                                |          |