

# VH-4800 BOM

Sheet1

| Part Type         | Comment  | Quantity | Part Type               | Comment  | Quantity |
|-------------------|----------|----------|-------------------------|----------|----------|
| 0603 Capacitors   | 33P      | 1        | Electrolytic Capacitors | 0.1uF    | 2        |
|                   | 101      | 1        |                         | 100uF    | 4        |
|                   | 102      | 11       |                         | 1uF      | 1        |
|                   | 103      | 12       |                         | 2.2uF    | 4        |
|                   | 104      | 2        |                         | 33u      | 1        |
|                   | 10P      | 1        |                         | 4.7uF    | 3        |
|                   | 1P       | 1        |                         | 47uF     | 1        |
|                   | 201      | 1        |                         | 100uH    | 1        |
|                   | 22P      | 5        |                         | 113      | 2        |
|                   | 30P      | 2        |                         | 115      | 1        |
|                   | 50P      | 3        |                         | 1uH      | 2        |
|                   | 27P      | 1        |                         | 220nH    | 1        |
|                   | 39P      | 1        |                         | 2T       | 1        |
|                   | 5P       | 1        |                         | 3T       | 1        |
|                   | 68P      | 1        |                         | 4T       | 1        |
|                   | 100K     | 1        |                         | 5T       | 2        |
|                   | 100R     | 1        | inductor                | 901-905  | 1        |
| 0603 Resistors    | 10R      | 2        |                         | 4558     | 1        |
|                   | 15K      | 3        | IC                      | UTC571N  | 1        |
|                   | 1K       | 5        |                         | 78L05    | 1        |
|                   | 1K2      | 1        | Jumper Cable            | 7A5      | 1        |
|                   | 1K5      | 1        | LED                     | G-LED    | 1        |
|                   | 22K      | 5        |                         | R-LED    | 1        |
|                   | 2K2      | 4        | Slide Switch            | SS-22D03 | 1        |
|                   | 330R     | 1        | SMD Power inductors     | 100uH    | 1        |
|                   | 33K      | 3        | Switching Diodes        | 1N5819   | 1        |
|                   | 3K3      | 1        |                         | 4148     | 1        |
|                   | 470K     | 1        |                         | 2757     | 1        |
|                   | 470R     | 1        |                         | 2SC4081  | 1        |
|                   | 47R      | 1        |                         | 2SD1621  | 1        |
|                   | 4K7      | 2        |                         | 3904     | 2        |
|                   | 5K6      | 2        |                         | 9014     | 1        |
|                   | 680K     | 1        |                         | 9015     | 1        |
|                   | 680R     | 2        |                         | 9018     | 3        |
|                   | 6K8      | 2        |                         | 3-10P    | 2        |
|                   | 10K      | 9        | Trimmer Capacitors      | 5-30P    | 1        |
| Battery Contactor | BATTER-  | 1        | Varactor Diodes         | 1S2638   | 1        |
|                   | BATTER+  | 1        | Zener Diodes            | 5V1      | 1        |
| Crystal           | 16.35MHz | 1        |                         | 7V5      | 1        |
| Crystal           | 44kHz    | 1        |                         |          |          |