

## RF Remote/Receiver BOM

| Remote Circuit               | Component    | Package       | Number |         |
|------------------------------|--------------|---------------|--------|---------|
| JP2                          | IA4220       | SOP16         | 1      |         |
| JP1                          | HT48E10      | SOP24         | 1      |         |
| Crystal<br>Oscillator Y2     | 10M          | HC-49S        | 1      | 10pf    |
| Porcelain<br>Oscillator Y1   | 4M           | 3 Pins<br>DIP | 1      |         |
| Flat Resistance<br>R3        | 100k         | 0603          | 1      | 50v 5%  |
| R1                           | 10k          | 0603          | 1      | 50v 5%  |
| R2                           | 12k          | 0603          | 1      | 50v 5%  |
| R5                           | 150          | 0805          | 1      | 50v 5%  |
| Flat Capacitor<br>C1         | 0.1uf        | 0603          | 1      | 25v 20% |
| C6                           | 100p         | 0603          | 1      | 25v 20% |
| C7                           | 10p          | 0603          | 1      | 25v 20% |
| C8                           | 1uf          | 0603          | 1      | 25v 20% |
| C2                           | 0.1uf        | 0603          | 1      | 25v 20% |
| C3                           | 0.01uf       | 0603          | 1      | 25v 20% |
| Red Led                      | BL-HS133-TRB | 1206          | 1      |         |
| Button k1                    | Pt-5501      |               | 1      |         |
| K2                           | Soq-152bjst  |               | 1      |         |
| Electrolysis<br>Capacitor C9 | 100UF        | 5*10          | 1      | 10v 20% |
| Spring                       |              |               | 3      |         |
| PCB                          |              |               | 1      |         |
|                              |              |               |        |         |
| Receiver<br>Circuit          | Component    | Package       | Number |         |
| JP2                          | IA4320       | SSOP          | 1      |         |
| CR4                          | HT48E06      | SOP18         | 1      |         |
| Flat Resistor R2             | 100k         | 0603          | 1      | 50v 5%  |
| R3                           | 10k          | 0603          | 1      | 50v 5%  |
|                              |              |               |        |         |
| R5                           | 200ohm       | 0603          | 1      | 50v 5%  |
| Flat Capacitor<br>C9 C3      | 0.1uf        | 0603          | 2      | 25v 20% |
| C2                           | 0.01uf       | 0603          | 1      | 25v 20% |
| C4                           | 10p          | 0603          | 1      | 25v 20% |
| C5                           | 1uf          | 0603          | 1      | 25v 20% |

|                               |             |               |   |             |
|-------------------------------|-------------|---------------|---|-------------|
| C6                            | 100p        | 0603          | 1 | 25v 20%     |
|                               |             |               |   |             |
| Electrolysis<br>Capacitor C11 | 100UF       | 5*10          | 1 | 10v 20%     |
| SMT Tantalum<br>Capacitor C12 | 100UF       | 3528          | 1 | 20%         |
| Crystal<br>Oscillator Y2      | 10M         | Hc-49s        | 1 | 10pf        |
| Porcelain<br>Oscillator Y1    | 4M          | 3 Pins<br>DIP | 1 |             |
| And                           | SN74AHC1G08 | DIP           | 1 | Choose able |
|                               |             |               |   |             |
| Light Press<br>Switch         | PT5501      |               |   |             |
| 3 Colors LED                  |             |               | 1 |             |
| Xh3 cn1 cn2                   |             |               | 2 |             |
| Xh4 jp1                       |             |               | 1 |             |
| PCB                           |             |               | 1 |             |