

## **Critical Component of MHN02L(TX)**

| <b>Component</b>                | <b>Part Number</b> | <b>Description</b>   |
|---------------------------------|--------------------|--|
| <b>ENCODER HT12E</b>            | <b>U1</b>          | <b>Encode the RF signal , drive LED</b>  |
| <b>CD40106BC</b>                | <b>U2</b>          | <b>Low battery detect, Generate about 1.5Hz wave for low battery LED display</b> |
| <b>LED</b>                      | <b>LED1</b>        | <b>Light on when transmit signal, flash when low battery</b>                     |
| <b>Rubber key</b>               | <b>On/off</b>      | <b>Input command</b>   |
| <b>DIP switch (4)</b>           | <b>DIP1</b>        | <b>Generate different address code</b>   |
| <b>RF transistor MMBTH10</b>    | <b>Q1</b>          | <b>Generate oscillation of RF frequency 350MHz and as modulator</b>              |
| <b>SAW RESONATOR<br/>350MHz</b> | <b>SAW1</b>        | <b>Generate oscillation of RF frequency 350MHz</b>                               |