

## Critical Component of MHN03T(TX)

| Component             | Part Number | Description                                                                              |
|-----------------------|-------------|------------------------------------------------------------------------------------------|
| MCU MSM64P164         | U2          | Control all activities of the unit, detect and display temperature, encode the RF signal |
| LCD                   | LCD1        | Display time temperature and other information                                           |
| OSCILLATOR            | Y1          | Supply MCU clock timing                                                                  |
| 103AT                 | TH1         | Detect the themperature                                                                  |
| Touch key             | RST0        | Reset MCU                                                                                |
| DIP switch            | SW1         | Generate different address code                                                          |
| RF transistor MMBTH10 | Q1          | Generate oscillation of RF frequency 350MHz and as modulator                             |