

## **Critical Component of MHN3TH(TX)**

<b>Component</b>	<b>Part Number</b>	<b>Description</b>
<b>MCU MSM64P164</b>	<b>U2</b>	<b>Control all activities of the unit, detect and display temperature,</b>
<b>LCD</b>	<b>LCD1</b>	<b>Display time temperature and other information</b>
<b>OSCILLATOR</b>	<b>Y1</b>	<b>Supply MCU clock timing</b>
<b>Touch key</b>	<b>RST0</b>	<b>Reset MCU</b>
<b>LED</b>	<b>LED1/2</b>	<b>Back light</b>
<b>PT2240</b>	<b>U3</b>	<b>Generate 20 bit address and encode the RF signal</b>
<b>103AT</b>	<b>TH1</b>	<b>Detect the temperature</b>
<b>RF transistor MMBTH10</b>	<b>Q1</b>	<b>Generate oscillation of RF frequency 350MHz and as modulator</b>