

TECHNICAL DESCRIPTION OF 00739

A.) Circuit Operation:

- 1.) Wireless temperature remote unit
- 2.) RF Transmitter

B.) Component Description:

Category	Number	Name	Description
Integrated Circuit	SH6613	MCU	Temperature Measurement RF Data Control
Sensor	C103T1A	Thermister	Temperature Sensor
LED		Red LED	Transmit LED Indicator
Transistor	8050	Small Signal Transistor	LED Driver Switching operation
Transistor	2SC4901	RF Transistor	TX Power Amplier
Crystal	32.768kHz	Crystal 20ppm	Clock source for SH6613 operation
Crystal	3.58MHz	3.58MHz Resonator	Clock source for SH6613 operation
Crystal	433.92MHz	433.92 SAW Resonator	Fundamental frequency for RF Transmitter.