

## **1.0 Description of Permissive Change**

This report is in regards to a Class II permissive change. The only change in the product is one transistor (Q10A) has changed part numbers. The old transistor part number is MMBR5179LT1 and the new transistor part number is MMBTH10LT1. The reason for the change is that the original transistor is being discontinued.

The original part number for the transmitter is 90584373; The new part number is 22692190.

## **2.0 Technical Description**

The Transmitter consists of four momentary push button switches, an RF oscillator (315Mhz SAW based), a single 3V lithium coin cell battery, and a custom IC.

In normal use nothing occurs until one of the four buttons is pressed. The custom IC determines which button was activated, then constructs the correct digital message that is sent to the RF oscillator at a 2 kHz rate. The RF oscillator is a simple ON-OFF Keyed stage. Once the transmission is complete the custom IC goes into a standby mode and remains inactive until the next button is pressed.