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MWCK02 Version C to Version F Differences

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Under the provisions of CFR47 Part 2.1043(b)(2), the following changes have been made to the device certified under FCC ID: OYE-MWCK02:

1. The housing, top cover, input cable seal and strain relief remain the same.
2. The RF components remained the same with the same overall PCB dimensions, mounting holes, antenna pattern, size and location.
3. Peripheral passive components not mentioned below have remained the same, along with the signal input connectors.
4. The processor changed from an 18 pin to a 28 pin version of a very similar type with greater number of I/O pins, to accept an increase from a 5 to an 8 position DIP switch, and permit the elimination of the 7400 logic module for the input signals. The processor is from the same manufacturer (Microchip), and the same family (PIC16F84 to PIC16F72 or PIC16F833), runs essentially the same code, at the same processor clock rate, on the same supply voltage.
5. The +5volt regulator module was changed from an 8 pin DIP version to a more readily available TO92 package version with similar characteristics.
6. The case tamper switch can now be populated with either the original mechanically actuated switch or a magnetic reed switch.
7. The vibration/motion sensor has been relocated to the bottom side of the PCB.
8. Processor "program-in-place" pads have been added to the PCB.
9. The PCB layout pattern has been re-done to accommodate these changes.

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