

Date: 25-Jun-2013

**Process Solutions**  
Honeywell  
1860 W. Rose Garden Lane  
Phoenix, Arizona 85027-5139

Federal Communications Commission  
7435 Oakland Mills Road  
Columbia, MD 21046

Subject: FCC Class II Permissive change application for Low Cost ISA 100 Radio Module  
(51306799) FCC ID: S5751306799 originally granted on 06/28/2011.

Honeywell International Inc. is herein submitting a class II permissive change filing for Low Cost ISA 100 Radio Module (51306799) as listed in the operation description exhibit. The brief changes are listed below:

- Programming connector **reduced from 8pin to 4pin.**
- Replaced the existing 32.768 kHz TCXO **from Rx-4801JE** i.e. U2 to a newer 32kHz TCXO which are non- identical and are not pin compatible i.e. **Rx-4803LC** or **RX-8803LC**.
- Replaced the 32MHz crystal by electrically equivalent i.e. **CS325H-32.000MEDQ-UT** to **FA-20H 32.0000MF20X-K3** or **425F16A032M0000** or **ABM10-32.000MHz-10-R50-1-D20-T**. All these alternate needs to be listed/authorized under the same FCC ID as these will be controlled by the OEM (Honeywell in this case). This change is external to the radio chip and the oscillator circuitry. The oscillator is available within the radio chip which is not changed.
- Removed separate control of CC2520 and CC2591 from Micro; and connecting the control of Radio and PA/LNA together and connecting the freed GPIO of Radio to the Micro for future use.
- Added **3 more antennas** (1. HG2402RDR-RSP from L-Com, 2. RD2458-5-OTDR-NM and 3. OD24M-5 from Laird Tech) to the existing grant which had 10 antenna listed earlier.

Please refer change in the product with respect to original product in the operation description and changes as per C2PC exhibit.

Sincerely,



David Shipley

Company: Honeywell International Inc.

Address: 1860 W. Rose Garden Lane, Phoenix, AZ 85027-2708