**Honeywell International Inc.**
9680 Old Bailes Road,
Fort Mill, SC 29707 USA

# C2PC Declaration

November 8, 2017

Class 2 Permissive Change for -

Applicant: **Honeywell International Inc.**

Model: **CT60L0N**

FCC ID: **HD5-CT60L0N** (Original approval date: 11/05/2017)

IC: **1693B-CT60L0N** (Original approval date: 11/03/2017)

To whom it may concern,

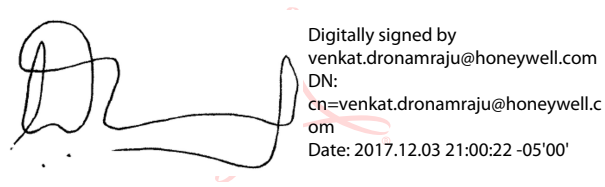
This is to request for Class 2 Permissive Change regarding the above-mentioned model: **CT60L0N** (under FCC ID: **HD5-CT60L0N** and IC: **1693B-CT60L0N**) .

This application is to make some minor changes to the hardware portions of this device. For the detail information, please refer to the attachment following with this letter.

Except for the changes mentioned in this declaration, no other modification is performed. Also, the changes do not have any impact on the approved radio parameter such as power, frequency range, modulation etc.

If you have any questions regarding this application, please feel free to contact me.

Sincerely yours,




**Venkat Dronamraju / Product Compliance**
**Honeywell International Inc.**

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**Attachment (model: CT60L0N)**

## CT60 Main HW Change List From EVT to DVT :

| No. | Problem description | Change Item | PCB | SCH Page | BOM Change | Layout Change | Note |
|---|---|---|---|---|---|---|---|
| 1 | CT51H-6<br>Connect both SIM sockets to the NFC. | 1.U2101 SIM_SWIO_1 connect to SIM1 J1301<br>2.U2101 SIM_SWIO_2 connect to SIM1 J1303<br>3. SIM powers path change | Carrier Board | 5,13,21 | Yes | Yes | EVT to DVT1 |
| 2 | Add Scanner Flex A & B detect function | Add a pull-up 100K resistor to VREG_L11A_1P8<br>at J1202 pin-34 and connect J1202 pin-35 to GPIO_56 | Carrier Board | 4,12 | Yes | Yes | EVT to DVT1 |
| 3 | VDC_IN Charge issue | 1. Pull-down WIPWR_CHG_OK.<br>2. There is divided voltage 1.8V from VDC_IN by 180K and 100K resistors to QI_PMA_ON | Carrier Board | 6 | Yes | Yes | EVT to DVT1 |
| 4 | Microphone U902 | Add more vias to mic pads to make the pads hold. | Carrier Board | | No | Yes | EVT to DVT1 |
| 5 | Vibrator motor spring | They need to be shifted base on MD's drawing. | Carrier Board | 9 | No | Yes | EVT to DVT1 |
| 6 | I/O button is being sheared off the board. | Add more vias to the solder pads to make them hold better.<br>(SW1401~SW1406) | Carrier Board | | No | Yes | EVT to DVT1 |
| 7 | GPS circuit changes. | Circuit change between J2003 and U2001 | Carrier Board | 20 | Yes | Yes | EVT to DVT1 |
| 8 | WAN AUX antenna circuit changes. | Remove U1901 circuit, just keep J1901,L1906(DNI),R1910(0R),<br>E1911(DNI),EMI1901 from original for RF. | Carrier Board | 19 | Yes | Yes | EVT to DVT1 |
| 9 | WAN main antenna circuit changes | 1.Remove U1801 circuit,just keep<br>EMI1801,EMI1802,R1813,R1812,L1806,J1801,R1809,R1810,R1811 for RF. | Carrier Board | 18 | Yes | Yes | EVT to DVT1 |
| 10 | | AIN1 pin needs to be pulled down | Carrier Board | 15 | No | Yes | EVT to DVT1 |
| 11 | CT50 pad size is 2.0x3.0mm but MD team suggests pad size is 1.5x3.0mm<br>because receiver spec suggested having 0.5mm gape | CT50 pad size is 2.0x3.0mm but MD team suggests pad size is 1.5x3.0mm<br>because receiver spec suggested having 0.5mm gape requirement. | Carrier Board | 9 | No | Yes | EVT to DVT1 |
| 12 | Test point | Moving camera's test points x 7 pcs to left | Carrier Board | | No | Yes | EVT to DVT1 |
| 13 | Moving U1107 circuit to right for 0.5mm | Moving U1107 circuit to right for 0.5mm | Carrier Board | | No | Yes | EVT to DVT1 |
| 14 | The battery connector peel up | Add additional vias on the battery connector pads | Carrier Board | | No | Yes | EVT to DVT1 |
| 15 | NFC circuit changes | RF team needs to have NFC circuit changes and matching components value chang | Carrier Board | 21 | Yes | Yes | EVT to DVT1 |
| 16 | ESD air 15KV failure at receiver hole | Open a ground pad to contact receiver's back side metal | Carrier Board | | No | Yes | EVT to DVT1 |
| 17 | WAN desense | R401 needs to be changed to 33 Ohm | Carrier Board | 4 | Yes | No | EVT to DVT1 |
| 18 | To support hall effect sensor | Put R1219 and R1220 | Carrier Board | 12 | Yes | No | EVT to DVT1 |
| 19 | Enhance Ground. | Change Tool1716 to PTH. | Carrier Board | 17 | No | Yes | DVT1 to DVT2 |
| 20 | SIM | Add 0.5pF to USIM2_DATA_CONN, USIM1_DATA_CONN between system<br>GND,instead to SIM GND | Carrier Board | 13 | Yes | Yes | DVT 1to DVT2 |
| 21 | WAN desense | Add Ferried Bead and capacitor on Vibrator driving line. | Carrier Board | 13 | Yes | Yes | DVT 1to DVT2 |
| 22 | Aux matching components remove | Remove R505,C512,C513 | Carrier Board | 5 | Yes | Yes | DVT 1to DVT2 |