Similarities and Differences
between ISL38001C and ISL38601C
(Both models with FCC ID: OSZ38001C)

1--Similarities are:

a. ISL38601C has the same printed wiring board (PWB) as the ISL38001C from the standpoint of electrical interconnect, layout, board stackup, etc.

2--The differences are:

a. The silk screen indicating ISL38601C w/ appropriate REV level vs ISL38001C w/ appropriate REV level

b. The solder mask on the bottom of the board, ISL38601C having more of the dry film solder mask removed to accommodate the increased shield size.

c. ISL38001C makes use of the ISL3686A ZIF radio chip. ISL38601C also uses this ISL3686A ZIF radio chip, but can also be fitted with ISL3686B ZIF instead as a drop-in replacement (ISL3686A will be phased out). Both ISL3686A and ISL3686B have identical form factor, pin out, function and performance. The difference between these two is internally on physical chip construction level (completely different chip mask set).

d. ISL38001C makes use of the ISL3880 ARM Baseband processor MAC chip, while ISL38601C uses the ISL3886 ARM Baseband processor MAC chip. This ISL3886 chip has additional Software MAC capabilities.

d. Consequently, since ISL38601C has a unique part number it has a separate data base comprised of the schematics, layout (gerbers), BOM and mechanical assembly drawing.