

Description of Permissive Change

The difference compared with the original design are

a) Remove C1 / C4 / C6 / C7 / C30 / R1/ RV6 / RV7

The resistor C1 / C4 / C6 / C7 / C30 / R1 are for power filter,

The original design is to put this component to reduce power filter.

After testing, we found remove this component not influence test result.

For components RV6, RV7 are for ESD protection component, no EMI concern.

b) C5 change from 4.7uf to 2.2uf

The resistor C5 is for power filter,

The original design is use 4.7uF now change to 2.2uF. After testing, we found this change not influence test result.

c) B2 / B3 / B5 change from 121 bead to 0R

The bead B2, B3 are for Speaker filter, no EMI concern.

The bead B5 is for Microphone filter, no EMI concern.

d) CHIP change from BC63C159A03 (BlueVox2) to BC6130A04-IQQB-R.

The new chip component is pin to pin compatible, has same function, the mini change is ROM (software) change.

e) Add second source MIC (Brand: LYS Model: LYS-M4015-BOL577)

Hardware change

f) Add second source Speaker (Brand: LYS Model: LYS-R0010-032-011R-L1)

Hardware change

If you have any questions regarding this, please don't hesitate to contact us.
Thank you!

Sincerely yours,

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