

Parts List / Schematic

see [AOUT_LC Parts List](#)

- [Schematic](#)^{UCapps}

Resolution Adjustment

In order to increase the flexibility, the MBHP_AOUT_LC PCB provides two different resolution options. The first channel can either be controlled with 12bit or 8bit resolution, the second channel with 4bit or 8bit resolution:



The 12/4 bit option is used by MIDIbox SID (the filter is controlled with 12bit, the resonance with 4bit only). In the MIDIbox CV firmware the resolution option is selectable. 8/8bit is enough if the module should control V/Oct CV inputs via Note or CC events. 12/4bit should be selected if channel #1 is connected to a Hz/V input, or if high-resolution events (NRPNs, PitchWheel) are desired.

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