

Abstract

TITLE OF INVENTION: BULK ACOUSTIC WAVE RESONANCE ASSEMBLY AND METHOD FOR MANUFACTURING SAME

The present application discloses a bulk acoustic wave resonance assembly and a method for manufacturing the same. The bulk acoustic wave resonance assembly of the present application includes a substrate, a first resonance assembly and a second resonance assembly which are arranged on the substrate; an interconnection region is formed between the first resonance assembly and the second resonance assembly; the first resonance assembly includes a first bottom electrode, a first piezoelectric layer, and a first top electrode which are arranged on the substrate in sequence; the second resonance assembly includes a second bottom electrode, a second piezoelectric layer, and a second top electrode which are arranged on the substrate in sequence; the first bottom electrode and the second top electrode are connected to each other in the interconnection region; and the second bottom electrode and the first top electrode are connected to each other in the interconnection region.

Fig. 1