Abstract

The present application provides a bulk acoustic wave resonator and a method for manufacturing therefor, and relates to the technical field of resonators. The bulk acoustic wave resonator includes a substrate, a lower conductive layer, a piezoelectric layer, and an upper conductive layer, at least one first cavity located between the upper conductive layer and the piezoelectric layer is provided at a boundary of an overlapping area, a plurality of first support columns are provided in the at least one first cavity, the plurality of first support columns are used for dividing the at least one first cavity into a plurality of through holes at least partially located in the overlapping area, the plurality of through holes are arranged in a direction from a center of the overlapping area to the boundary.

Figure No. 10