

ABSTRACT OF THE INVENTION
INTEGRATED CIRCUIT SOCKET WITH CONTACT PAD

An integrated circuit socket having a contact pad is disclosed. The integrated circuit socket comprises: (1) a base unit, it further consists of a base, contact pins and an elastomer. The contact pins will provide the electrical contact of the other elements,
5 the elastomer provides the compactness of the assembly. (2) an interposer, there are a flexible film, a stiffener and a stop layer wherein the contact pad of the flexible film may contact with the solder ball of IC device to buffer the pressure formed by a tight contact when IC device is moving downward. The pressure will be dispersed with the flexible film such that the testing signals are transmitted. (3) an adapter unit, the unit is
10 capable of positioning the integrated circuit device and includes a depressor to suppress or release the integrated circuit. (4) a cover unit, the cover unit is located over the base, the interposer and the adapter unit, and includes a cover and a spring such that the cover is coupled to the depressor of the adapter unit and is capable of vertically moving up and down.

FIGURE 1 IS SUGGESTED FOR PUBLICATION