An electronic board incorporating a heating resistor

Abstract

This invention is related to an electronic board (1) comprising an area (20) forming a BGA type electronic component backing (10), an electric heating resistor (25A) at right angle to said area, said resistor being able to supply an amount of heat for soldering the component onto the plate, characterized in that the board comprises a plurality of conductive layers (21, 23, 25, ...) alternating with electrically insulating layers (22, 24, 26), said resistor (25A) forming one of the conductive layers immediately underlying the surface layer (21).

The board comprises, if need be, a thermal drain.

This invention is also related to a facility for implementing the method. It also allows for an electronic board to be repaired through replacing defective members without risking to unsolder or to damage adjacent members.

Figure for the abstract: Fig. 2.