METHOD FOR TRANSFERRING PARTICLES FROM AN ADHESIVE SHEET TO A SUBSTRATE

ABSTRACT

A method for attaching particles (12) to a substrate (14), comprising the steps of aligning particles (12) attached to an adhesive sheet (35) with contact pads (42) of a substrate (14), transferring thermal energy (38) to the adhesive sheet (35) by maintaining a temperature below the melting point of particles (12), and removing the adhesive sheet (35) prior to reflow, is disclosed. The adhesive sheet (35) may be composed of an adhesive coating (22) laminated to a film (24). The particles may be composed of a variety of compositions, including compounds such as solder or plastic, for example.

Figure 5