ABSTRACT

INTEGRATED CIRCUIT PACKAGE SYSTEM WITH LEADFRAME SUBSTRATE

A system for manufacturing an integrated circuit package system is provided. A dual-type leadframe having first and second rows of leads is formed. A first row of bumps is formed on an integrated circuit chip. Solder paste is placed on the first row of leads, and the first row of bumps is pressed into the solder paste on the first row of leads. The solder paste is reflow soldered to form solder and connect the integrated circuit chip to the first row of leads, and the integrated circuit chip, the first row of bumps, the solder, and the leadframe are encapsulated. (FIG. 1)