

A Typical Rework Application

In a typical rework situation, an engineer designing a prototype board may have to change an SMD, install a test socket or adapter, replace a chip component, lift some SMD pins for test access, run tests with different SMD components, run a QC analysis after removing a failed component, etc. A technician may have to change a defective SMD, install an upgrade modification, repair a poor solder connection, remove components from a board, make a field repair on location, troubleshoot an inoperative board, etc. A contract manufacturer may have to change a component due to a production error, touch up solder joints after inspection, repair a board after going through the ATE (automatic test equipment), etc. These examples fall into the category of low volume rework. Fast, safe, easy, and affordable rework is needed. To send the board out to a rework specialist or to hire a trained technician would not be practical and/or economically feasible.

As you can see, becoming proficient at SMD solder/desolder rework is to your advantage. You will save time and money. Also, you become less dependent on others. Best of all, fewer boards will be scrapped.

Chip Quik® is the Rework Solution