

Product Overview

Introduction

Small outline Packages (SOP) parts are commonly used with memories and other types of integrate circuits that can be accommodated with a relatively small number of pins. With their small size and efficient packaging SOP parts are found in a wide array of applications from palm-sized devices to computers and instrumentation.

While convenient in terms of their small size, SOP packages require care when selecting probing solutions to aid in debugging prototypes that incorporate them. Because of their small lead pitch and overall size, probing SOP packages using conventional clips can result in shorted pins or intermittent connections.

Delta Probe

The Delta Probes for SOP packages support SOP packages which can be viewed in the table. These probes incorporate the innovative wedge probe tips that interlock in-between the pins of the package. Other clips connect by pressing on the outside edged of the pins. The Delta Probe is superior in that it delivers a robust and redundant electrical contact to each pin of the part thus ensuring a reliable and repeatable connection that is unsurpassed by any other probing technology.

Because the wedges of the Delta Probe fit in between the pins of your SOP part, shorting pins is

virtually impossible. In addition, since the Delta Probe attaches from above the part, it requires almost no keep-out and is less likely to cause mechanical interference compared to conventional clips.

Easy to Connect

The Delta Probe for SOP packages contains a transition board that is intended for connecting the flying leads of your measurement equipment (such as a logic analyzer).

