Introduction
Starting with software version 7.0 on the Medalist In-Circuit Test Systems, a graphical version of the familiar “Find Pins” tool is available in the Operator Graphical User Interface (GUI). The tool is called the Pin Locator and it is a part of the Operator GUI Browser. This application note will summarize its use and highlight some of the productivity enhancements provided.
Using the Pin Locator

To use the Pin Locator, start the In-circuit Test (ICT) Browser and select the Locator Tab. You specify the pin you want to find (target pin) by selecting the type from the Find drop-down list and entering all or part of the name. Then click Go.

The target pin is centered in the graphics display area as shown in Figure 1.

Start the Locator by selecting Probe or Mint pin from the Locate drop-down list, then click OK. When the Probe Status indicates Ready, touch any pin on the board with the handheld probe. Notice that, unlike “Find Pins”, Auto start is now the default.

In the graphics display area, the touched pin blinks. The Guide panel displays information on the touched pin. The Results panel displays all the BT-BASIC output and print statements, similar to the Output panel in the Operator Interface. Now, instead of using the fixture grid to find your target pin, refer to the arrows in the Guide and graphics display to quickly hone in on the desired pin as shown below in Figure 2.

When the user gets closer to the target pin, the graphics display is automatically enlarged to help with location of the target pin more easily. After a few quick probes, the user can quickly and easily find the target pin. A FOUND status is displayed when the user touches the target pin as shown below in Figure 3.

Conclusion

The Pin Locator tool on the Keysight Technologies, Inc. Medalist In-Circuit Test Systems is an improvement over the old “Find Pins” tool. Give it a try!