



### **Press Contact**

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### **FOR IMMEDIATE RELEASE**

### **Practical Components and PACTECH Offer Flip Chip Test & Evaluation Kit and Board**

**LOS ALAMITOS, CA — September 2010** — Practical Components Inc., a leading international national distributor of dummy SMD and thru-hole components, test boards, training/setup kits and supplies, announces a new PACTECH PCB310 Flip Chip Test & Evaluation Board for placement and daisy chain continuity testing after assembly. This substrate has 28 mounting sites for 10 x 10 mm flip chips, and is the ideal companion to its PACTECH dummy flip chips.

“Our dummy products are selected with care to be the finest factory quality components and our test boards and kits simulate real-world production,” said Practical Components President Kevin Laphen.

The PACTECH test die are combined with these test boards to provide customers with the ability to test a variety of specs and processes. Both components and test boards are daisy-chained for continuity.

For the Pac2.1-PB184-200-10mm-DC-305 die on the PCB310, there are two rows of seven pads. Additionally, it has 184 bumps and a bump pitch of 200  $\mu\text{m}$ . For the Pac2.3-FA572-200/400-10mm-DC-305 die on the PCB310, there are two rows of seven pads. These components have 572 bumps and a pitch of 200  $\mu\text{m}$ /400  $\mu\text{m}$ .

The Evaluation Board is 6.3 x 3.95", has two layers and is 0.062" thick. Board material is IS-High Temp-Tg and the standard board finish is OSP Entek CU-A-HT. As always, Gerber and X,Y Theta data are available at no charge.

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### **About Practical Components Inc.**

Practical Components is a team of dedicated electronics industry professionals offering value pricing, on-time delivery and superior service to customers. The Practical Components team is ready to provide project assistance in the areas of technical component knowledge, drawings, component land patterns and PCB practice kits.

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