



Distributor of mechanical IC samples (dummy components), test boards, kits and SMD production tools and equipment.

Frequently Asked Questions

What are dummy components?*

Dummy components are the exact mechanical equivalent of functional electronic components.

Why use dummy components?

Dummies save money. In cases where only mechanical characteristics are required, dummy components can be used instead of live functioning components. Since there is no expensive die inside the package, the cost for performing mechanical testing is significantly lower.

Who is Practical Components?

Practical Components is a team of dedicated electronic industry professionals offering value pricing, on-time delivery, and superior service to our 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.

What is a PCB Practice Kit?

A PCB Practice Kit contains both the PC practice board and the necessary dummy components so customers can conduct assembly process evaluation without using high-cost, live components and functional PC boards. Kits are available in a single pack for employee hand soldering training or packaged for production equipment evaluation. Both X, Y Theta data and Gerber data are available without charge.

What other products are offered by Practical Components?

In addition to dummy components, Practical carries solder training aids, tools and related equipment, IPC products and designs custom printed circuit boards. Your sales representative can supply technical information and pricing on all our products.

Who uses dummy components?

Companies that are involved with electronic component assembly, testing, evaluation and employee training.

Contact Practical Components

If you have any additional questions concerning Practical Components, our products or policies, please contact us.

Practical Components, Inc.

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Los Alamitos, CA 90720 USA
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Fax: 1-714-252-0026
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New Address!

Main E-mail.....klaphen@practicalcomponents.com
International Sales Kym Bell / kbell@practicalcomponents.com
SalesRussell Kido / rkido@practicalcomponents.com
Sales Kym Bell / kbell@practicalcomponents.com
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***Disclaimer:** Dummy components are only to be used for evaluation and testing purposes. Practical Components is not responsible for product that is used as a "live" package using live die assembly. Dummy samples are not to be used for 1st reliability testing.

How To Place Your Order

Our sales staff is ready to serve you from 8:00 A.M. to 5 P. M. Pacific Standard Time, Monday through Friday. Our fax lines are open 24 hours every day.

Fax and E-mail orders received after normal business hours are processed the next business day. Please include your telephone and fax numbers so we can confirm your order.

Bill / Remit to:

Practical Components, Inc.
PO Box 1037
Los Alamitos, CA 90720-1037 USA

Ship to:

Practical Components, Inc.
10762 Noel Street
Los Alamitos, CA 90720 USA

Tel: 1-714-252-0010

Fax: 1-714-252-0026

E-mail: klaphen@practicalcomponents.com

Web Site: www.practicalcomponents.com

F.O.B. is Los Alamitos, CA USA

New Address!

Terms and Conditions

Out Of Stock Items: Items not available for immediate shipment will be shipped as they become available. Items not available at the end of 90 days will be cancelled. The number of back-ordered days may be extended beyond 90 days with customer approval.

Return Policy: Returns must be made promptly and accompanied by a return authorization number. Please contact a customer service representative to obtain a return authorization number. All returns must be made within 30 days of date of invoice and accompanied by return authorization number.

- Return freight charges must be prepaid.
- C.O.D. returns cannot be accepted.
- Return merchandise in original packaging and in resalable condition.
- Please note that items returned due to customer error may be subject to a restocking charge of 25%.
- Non-catalog items are not returnable.

Catalog Listings: Not all products listed in this catalog are maintained in stock, and all product specifications for each product are current as of the date of publication. Product listings, specifications and prices for each product are subject to change without notice.

Product Liability: Practical Components' sole obligation for products that prove to be defective within 10 days of purchase will be replaced or refunded. Practical Components gives no warranty either expressed or implied and specifically disclaims all other warranties, including warranties for merchantability and fitness.

In no event shall Practical Components' liability exceed the buyer's purchase price nor shall Practical Components be liable for any indirect or consequential damages.

Shipment Damage: Merchandise is carefully packaged in compliance with carrier requirements. Claims for loss or damage in transit must be made with the carrier by the customer. All shipments should be unpacked and inspected immediately upon receipt. If damage does not become apparent until shipment is unpacked, make a request for inspection by the carrier's agent. Failure to do so will result in the carrier refusing to honor the claim.

Non-Catalog Items: Merchandise not listed in our catalog, if available from our suppliers, may be subject to minimum order quantities and/or special handling charges. Shipment is made as quickly as deliveries are received from our suppliers. Special order products are sold on a non-returnable basis.

Quotations: All items are subject to prior sale. A quote is valid for 30 days.

Dishonored Check Policy: If a check you give us as payment is dishonored for any reason by the bank or any other institution on which it is drawn, you agree to pay us \$20.00 as a service charge. In addition, you agree to pay any other reasonable charges imposed by any check verification company or collection agency that we may use for collection.

Prices/Quantities: Prices are subject to change without notice and quantities may be limited.

Handling Charge: A \$10.00 handling charge applies to all orders less than \$50.00.

Terms: We accept Visa, MasterCard and American Express (minimum order is \$50.00).



Open Account: We bill on a net 30-day basis to customers with approved credit.

Large Quantity Quotations: Practical Components will be happy to quote quantities in excess of the amounts shown in the catalog.

Freight Charges: On open accounts, actual freight charges are added to the invoice. A packing and handling fee of \$4.50 is added to the order. C.O.D accounts will have the freight charges pre-billed to the C.O.D. total in addition to a \$5.00 packing and handling charge.

Tray Charge: A \$7.00 tray charge is added if customer orders less than a full tray quantity.

Special Requirements: Please include specific instructions if you require special packing, marking, shipping, routing or insurance.

**All prices are in US\$.*