

**CPC5602C Device Branding Change  
PCN1005  
October 8, 2002**



# CLARE

Clare Inc.  
78 Cherry Hill Dr.  
Beverly, MA 01915

October 8, 2002

To Whom It May Concern:

The following is to inform Clare customers of a change affecting our CPC5602C N-channel Depletion Mode MOSFET device branding. As part of our commitment to continuous improvement of our processes and products, we occasionally make revisions to the construction and materials used our products. Clare's quality system requires customer notification under the circumstances outlined below.

Clare's notification policy states:

*Clare is mindful that changes to process or product could have an adverse impact on our customers.*

*Therefore we verify, through our qualification methodology, that a change does not negatively affect product quality or reliability. We also verify that it does not impact form or fit.*

*Changes to function are notified to the customer if the change could adversely affect the customer but not if the change is to enhance product performance beyond the current specification, for example, higher isolation voltage capability for Solid State Relays.*

*In cases where a planned change would impact form, fit, or would adversely affect function, quality or reliability, we notify the customer 60 days in advance.*

*We also notify our customers of planned product obsolescence.*

The following definitions apply:

*Form: the visual appearance including color, marking, and surface finish*

*Fit: the external dimensions and associated tolerances*

*Function: the electrical, mechanical, thermal, quality and reliability performance characteristics*

Clare notifies customers of the changes using a Product Change Notification (PCN). Attached are the details of the pending product change.

Sincerely,

Steve Andrezyk  
Director of Marketing  
CPE Products

Attachments:      Sbr007  
                             Sbr024



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## Part Change Notification

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The PCN number assigned to the change is **PCN1005** and should be referenced in any correspondence related to the change.

### Products Affected

CPC5602C          N-Channel Depletion Mode MOSFET

### Detail Description of Change

Clare has changed the branding of the CPC5602C to allow for an additional assembly house to package the CPC5602C MOSFET device in an SOT223 package. This change affects the form of the product by altering the physical marking on the surface of the device. See the attached document Sbr007 for the current SOT223 branding specification. Refer to the attached document Sbr024 for the new SOT223 branding specification from our new assembly house Carsem, Inc.

### Reason for the Change

The additional assembly house gives Clare the additional capacity to meet the volume demands for this particular device in LITELINK applications.

### Implementation Date

Parts manufactured after September 24, 2002, may have either the Sbr007 or the Sbr024 brand. We anticipate that shipments may contain parts with both types of brands. Brands will not be mixed in individual tubes or reels.

### Anticipated Impact on quality and reliability

The change will have no affect on product quality or reliability.

### Contact Information

For any questions related to the PCN notice, please contact Clare at the following address:

Customer Service  
Clare  
78 Cherry Hill Dr.  
Beverly MA, 01915  
Phone: 1-800- 27-CLARE (1-800-272-5273)