

# Product Change Notification

**PCN Publish Date:** 09/01/03

**PCN#:** 182

**Change Title:** Part Marking Change

**Products Affected:** HC49S, HC49SS, HC49SD, HC49SSD, and HC49SPX crystal product families

**Description of Change to the Customer:** The marking on the affected products will reflect the transition from two separate part markings for each product family (i.e. HC49S and HC49SD) to one universal product marking for all related product families. This marking change is being implemented to improve manufacturing efficiency and parallel resonance identification for product families.

Pre-conversion Marking	Post-conversion Marking
<p><b>HC49S</b> – Frequency code and “-2” denoting 20pf parallel load:</p> <p>Parallel: FS0495-2 Series: FS0495</p>	<p><b>HC49S</b> – Frequency with decimal point and “P” denoting parallel load:</p> <p>Parallel: FS4.956P Series: FS4.956</p>
<p><b>HC49SD</b> - Frequency with decimal point and no “-2” denoting 20pf parallel load:</p> <p>Parallel: FS4.956 Series: FS4.956</p>	<p><b>HC49SD</b> – Frequency with decimal point and “P” denoting parallel load:</p> <p>Parallel: FS4.956P Series: FS4.956</p>
<p><b>HC49SPX</b> – Frequency with decimal point and no “-2” denoting 20pf parallel load:</p> <p>Parallel: FS4.956 Series: FS4.956</p>	<p><b>HC49SPX</b> – Frequency with decimal point and “P” denoting parallel load:</p> <p>Parallel: FS4.956P Series: FS4.956</p>
<p><b>HC49SS/HC49SSD</b> – Frequency with decimal point and no “-2” denoting 20pf parallel load:</p> <p>Parallel: FS4.956 Series: FS4.956</p>	<p><b>HC49SS/HC49SSD</b> – FSS + Frequency with decimal point and “P” denoting parallel load:</p> <p>Parallel: FSS4.95P <b>(Note: extra “S” added)</b> Series: FSS4.95</p>

**Schedule of Change:** Customers can expect to receive the new product marking beginning in October 2003. Due to inventory replenishment rates, you can anticipate a transition period where both product markings are shipped until existing inventories are depleted.

**Customer Impact and Response:** It is our intent to minimize any confusion this part marking change will impose on our customers. Customers will see minor changes in physical product marking as the electrical functionality of both products remains unaffected and existing specifications remain applicable. If you feel this change will affect your business systems and application, please contact Fox to discuss how we may minimize any confusion with this PCN communication.