

## Product Change Notification

**PCN Publish Date:** 11/24/2015

**PCN#:** 484

**Change Title:** Product End Of Life (EOL)

**Products Affected:**

Model Number	Part Number	Description
HC49SPXLF	448LF-Frequency-xxxxx	Resistance Weld Low Profile Crystal

**Description of Change to the Customer:**

End of life for the above product.

**Reason for Change:**

Limited availability. This product was introduced as a temporary substitute for the FPXLF.

**Schedule of Change:**

- Last Buy Date – 06/20/2016
- Last Ship Date -- lead time at time of quote past the buy date.

Orders may be supported past the last buy date as long as supplies last, however the part will be subject to being discontinued without notice.

**Suggested Substitutions:**

- For existing designs, and frequencies of 8 MHz and above, there are two smaller 2 pad crystals that fit on the crystal connected pads of the solder pad layout.
  - FQ5032A – 5x3.2mm, 8 MHz ~ 60 MHz
  - FX532AS - 5x3.2mm, 8 MHz ~ 70 MHz (tighter stability version of the FX532A)
- For new designs, we suggest viewing the Crystal Selection Guide on the Fox website to select the crystal best suited for your needs. [Quartz Crystal | Quartz... Surface Mount Crystals](#)

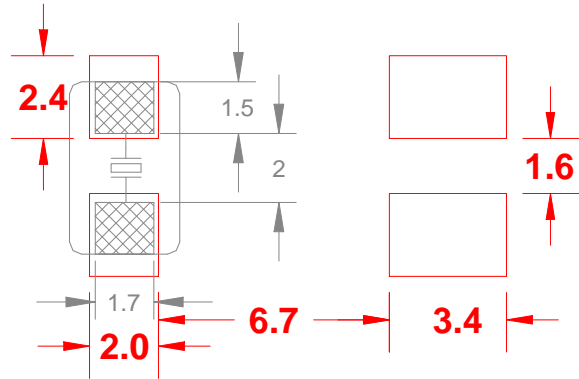
A drawing showing the FQ5032A and FX532AS on the FPXLF recommended solder pad layout is attached.

**Customer Impact and Response:** We sincerely hope this change will have minimal impact on our customers. If you have any questions, please contact Fox Technical Support at [www.foxonline.com/email.htm](http://www.foxonline.com/email.htm) or call 239-693-0099.

FX532AS, and FQ5032A, all on the recommended HC49SPXLF pad layout

### FQ5032A

Alternative 2 pad substitution.  
(Connects to active crystal pads.)



### FX532AS

Alternative 2 pad substitution.  
(Connects to active crystal pads.)

