

Canada
Tel: 239.464.2501

EMEA
Tel: +44.1283.568153

Asia
Tel: +852.2854.4285

Singapore
Tel: +65.6844798

Japan
Tel: +81.3.3374.2079

Product Change Notification

PCN Publish Date: 03/19/2012
Revised 04/13/2012: Added VCXO-B Series

PCN#: 386

Change Title: Product End of Life (EOL)

Products Affected:

DIP Oscillators (XO, VCXO, TCXO)

- F5C-2ELF Series
- H5C-2ELF Series
- F5C-2E3LF Series
- H5C-2E3LF Series
- F1100ELF Series
- VCXO-BLF Series
- VCXO-CLF Series
- VCXO-DLF Series
- FOX782LF Series
- FOX781LF Series

See list of all affected product part and model numbers on the following pages.

Description of Change to the Customer:

End of Life for all part and model numbers.

Reason for Change:

To bring production capabilities in line with current market demands.

Schedule of Change:

Last buy date: March 29, 2013

Last ship date: June 28, 2013

Suggested Substitutions:

There are no available substitutions in DIP products.

SMD Oscillators, VCXOs and TCXOs with comparable electrical characteristics are available in a wide range of sizes: <http://www.foxonline.com/oscillators.htm>

http://www.foxonline.com/vcxo_smd.htm

<http://www.foxonline.com/tcxoindx.htm>

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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 or call 239-693-0099.

Discontinued DIP Oscillators (XO)

Part Number	Model Number	Part Description
147LF-Freq-xxxxx	F5C-2ELF	14 Pin DIP, HCMOS XO, 5.0V, ± 100 PPM over $0^{\circ}\text{C}\sim+70^{\circ}\text{C}$
326LF-Freq-xxxxx	F5C-2ERLF	14 Pin DIP, HCMOS XO, 5.0V, ± 100 PPM over $-40^{\circ}\text{C}\sim+85^{\circ}\text{C}$
180LF-Freq-xxxxx	F6C-2ELF	14 Pin DIP, HCMOS XO, 5.0V, ± 50 PPM over $0^{\circ}\text{C}\sim+70^{\circ}\text{C}$
267LF-Freq-xxxxx	H5C-2ELF	8 Pin DIP, HCMOS XO, 5.0V, ± 100 PPM over $0^{\circ}\text{C}\sim+70^{\circ}\text{C}$
347LF-Freq-xxxxx	H5C-2ERLF	8 Pin DIP, HCMOS XO, 5.0V, ± 100 PPM over $-40^{\circ}\text{C}\sim+85^{\circ}\text{C}$
271LF-Freq-xxxxx	H6C-2ELF	8 Pin DIP, HCMOS XO, 5.0V, ± 50 PPM over $0^{\circ}\text{C}\sim+70^{\circ}\text{C}$
148LF-Freq-xxxxx	F5C-2E3LF	14 Pin DIP, HCMOS XO, 3.3V, ± 100 PPM over $0^{\circ}\text{C}\sim+70^{\circ}\text{C}$
355LF-Freq-xxxxx	F5C-2E3RLF	14 Pin DIP, HCMOS XO, 3.3V, ± 100 PPM over $-40^{\circ}\text{C}\sim+85^{\circ}\text{C}$
328LF-Freq-xxxxx	F6C-2E3LF	14 Pin DIP, HCMOS XO, 3.3V, ± 50 PPM over $0^{\circ}\text{C}\sim+70^{\circ}\text{C}$
350LF-Freq-xxxxx	H5C-2E3LF	8 Pin DIP, HCMOS XO, 3.3V, ± 100 PPM over $0^{\circ}\text{C}\sim+70^{\circ}\text{C}$
351LF-Freq-xxxxx	H5C-2E3RLF	8 Pin DIP, HCMOS XO, 3.3V, ± 100 PPM over $-40^{\circ}\text{C}\sim+85^{\circ}\text{C}$
272LF-Freq-xxxxx	H6C-2E3LF	8 Pin DIP, HCMOS XO, 3.3V, ± 50 PPM over $0^{\circ}\text{C}\sim+70^{\circ}\text{C}$
049LF-Freq-xxxxx	F1100ELF	14 Pin DIP, TTL XO, 5.0V, ± 100 PPM over $0^{\circ}\text{C}\sim+70^{\circ}\text{C}$
343LF-Freq-xxxxx	F1100ERLF	14 Pin DIP, TTL XO, 5.0V, ± 100 PPM over $-40^{\circ}\text{C}\sim+85^{\circ}\text{C}$
060LF-Freq-xxxxx	F1145ELF	14 Pin DIP, TTL XO, 5.0V, ± 50 PPM over $0^{\circ}\text{C}\sim+70^{\circ}\text{C}$

Discontinued DIP Voltage Control Oscillators (VCXO)

312LF-Freq-xxxxx	VCXO-B1LF	14 Pin DIP, HCMOS VCXO, 5.0V, ± 100 PPM Stability over $-10^{\circ}\text{C}\sim+70^{\circ}\text{C}$, ± 200 PPM Pullability over $2.5\text{V}\pm 2.0\text{V}$.
315LF-Freq-xxxxx	VCXO-B4LF	14 Pin DIP, HCMOS VCXO, 5.0V, ± 25 PPM Stability over $-10^{\circ}\text{C}\sim+70^{\circ}\text{C}$, ± 100 PPM Pullability over $2.5\text{V}\pm 2.0\text{V}$.
316LF-Freq-xxxxx	VCXO-B5LF	14 Pin DIP, HCMOS VCXO, 5.0V, ± 20 PPM Stability over $-10^{\circ}\text{C}\sim+70^{\circ}\text{C}$, ± 50 PPM Pullability over $2.5\text{V}\pm 2.0\text{V}$.
458LF-Freq-xxxxx	VCXO-C2LF	14 Pin DIP, HCMOS VCXO, 5.0V, ± 50 PPM Stability over $-10^{\circ}\text{C}\sim+70^{\circ}\text{C}$, ± 200 PPM Pullability over $2.5\text{V}\pm 2.0\text{V}$.
466LF-Freq-xxxxx	VCXO-C2RLF	14 Pin DIP, HCMOS VCXO, 5.0V, ± 50 PPM Stability over $-40^{\circ}\text{C}\sim+85^{\circ}\text{C}$, ± 200 PPM Pullability over $2.5\text{V}\pm 2.0\text{V}$.
317LF-Freq-xxxxx	VCXO-C3LF	14 Pin DIP, HCMOS VCXO, 5.0V, ± 50 PPM Stability over $-10^{\circ}\text{C}\sim+70^{\circ}\text{C}$, ± 100 PPM Pullability over $2.5\text{V}\pm 2.0\text{V}$.
467LF-Freq-xxxxx	VCXO-C3RLF	14 Pin DIP, HCMOS VCXO, 5.0V, ± 50 PPM Stability over $-40^{\circ}\text{C}\sim+85^{\circ}\text{C}$, ± 100 PPM Pullability over $2.5\text{V}\pm 2.0\text{V}$.
318LF-Freq-xxxxx	VCXO-C4LF	14 Pin DIP, HCMOS VCXO, 5.0V, ± 25 PPM Stability over $-10^{\circ}\text{C}\sim+70^{\circ}\text{C}$, ± 100 PPM Pullability over $2.5\text{V}\pm 2.0\text{V}$.
468LF-Freq-xxxxx	VCXO-C4RLF	14 Pin DIP, HCMOS VCXO, 5.0V, ± 25 PPM Stability over $-40^{\circ}\text{C}\sim+85^{\circ}\text{C}$, ± 100 PPM Pullability over $2.5\text{V}\pm 2.0\text{V}$.
319LF-Freq-xxxxx	VCXO-C7LF	14 Pin DIP, HCMOS VCXO, 5.0V, ± 25 PPM Stability over $-10^{\circ}\text{C}\sim+70^{\circ}\text{C}$, ± 50 PPM Pullability over $2.5\text{V}\pm 2.0\text{V}$.
469LF-Freq-xxxxx	VCXO-C7RLF	14 Pin DIP, HCMOS VCXO, 5.0V, ± 25 PPM Stability over $-40^{\circ}\text{C}\sim+85^{\circ}\text{C}$, ± 50 PPM Pullability over $2.5\text{V}\pm 2.0\text{V}$.
320LF-Freq-xxxxx	VCXO-C8LF	14 Pin DIP, HCMOS VCXO, 5.0V, ± 100 PPM Stability over $-10^{\circ}\text{C}\sim+70^{\circ}\text{C}$,

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		±100PPM Pullability over 2.5V±2.0V.
470LF -Freq-xxxxx	VCXO-C8RLF	14 Pin DIP, HCMOS VCXO, 5.0V, ±100PPM Stability over -40°C~+85°C, ±100PPM Pullability over 2.5V±2.0V.

Discontinued DIP Voltage Control Oscillators (VCXO) cont.

459LF -Freq-xxxxx	VCXO-D3LF	14 Pin DIP, HCMOS VCXO, 3.3V, ±50PPM Stability over -10°C~+70°C, ±100PPM Pullability over 1.65V±1.65V.
463LF -Freq-xxxxx	VCXO-D3RLF	14 Pin DIP, HCMOS VCXO, 3.3V, ±50PPM Stability over -40°C~+85°C, ±100PPM Pullability over 1.65V±1.65V.
460LF -Freq-xxxxx	VCXO-D4LF	14 Pin DIP, HCMOS VCXO, 3.3V, ±25PPM Stability over -10°C~+70°C, ±100PPM Pullability over 1.65V±1.65V.
671LF -Freq-xxxxx	VCXO-D4RLF	14 Pin DIP, HCMOS VCXO, 3.3V, ±25PPM Stability over -40°C~+85°C, ±100PPM Pullability over 1.65V±1.65V.
461LF -Freq-xxxxx	VCXO-D7LF	14 Pin DIP, HCMOS VCXO, 3.3V, ±25PPM Stability over -10°C~+70°C, ±50PPM Pullability over 1.65V±1.65V.
462LF -Freq-xxxxx	VCXO-D8LF	14 Pin DIP, HCMOS VCXO, 3.3V, ±100PPM Stability over -10°C~+70°C, ±100PPM Pullability over 1.65V±1.65V.
464LF -Freq-xxxxx	VCXO-D8RLF	14 Pin DIP, HCMOS VCXO, 3.3V, ±100PPM Stability over -40°C~+85°C, ±100PPM Pullability over 1.65V±1.65V.

Discontinued DIP Temperature Compensated Oscillators (TCXO/VCTCXO)

417LF-Freq-xxxxx	FOX782LF	14 Pin DIP, HCMOS TCXO, 5.0V, ±2.5PPM Stability over -20°C~+75°C,
609LF-Freq-xxxxx	FOX782CLF	14 Pin DIP, HCMOS VCTCXO, 5.0V, ±2.5PPM Stability over -20°C~+75°C, ±5PPM Pullability over 2.5V±2.0V.
616LF-Freq-xxxxx	FOX782DLF	14 Pin DIP, HCMOS TCXO, 3.3V, ±2.5PPM Stability over -20°C~+75°C,
777LF-Freq-xxxxx	FOX782BLF	14 Pin DIP, HCMOS VCTCXO, 3.3V, ±2.5PPM Stability over -20°C~+75°C, ±5PPM Pullability over 1.65V±1.65V.
242LF-Freq-xxxxx	FOX781BLF	14 Pin DIP, Clipped Sine TCXO, 5.0V, ±2.5PPM Stability over -20°C~+75°C,
243LF-Freq-xxxxx	FOX781CLF	14 Pin DIP, Clipped Sine VCTCXO, 5.0V, ±2.5PPM Stability over -20°C~+75°C, ±4PPM Pullability over 2.5V±2.0V.