180711280 Ship Media Change for XO/VCXO

PCN Issue Date: 7/11/2018   **Effective Date:** 10/17/2018

PCN Type: Datasheet; Other

Description of Change

Silicon Labs is pleased to announce a change in shipping media from tray to coil tape for bulk shipping from KYEC (King Yuan Electronics Company) and STC (Singapore Test Center). The tape and reel option is not changing.

KYEC and STC are existing backend ship sites for Silicon Labs and certified to ISO9001 and ISO14001.

KYEC address:
KYEC (King Yuan Electronics Company)
No. 8 Tongke North Road,
Tongluo Township,
Miao-Li County 366,
Taiwan R.O.C

STC address:
Silicon Laboratories International Pte Ltd
18 Tai Seng Street #05-01
18 Tai Seng
Singapore 539775

There is no change in carrier tape, cover tape dimensions and materials, in compliance to EIA-481. There is also no change to packing which is in compliance to JEDEC-033.

Datasheets have been updated to reflect the change in ship media with no other changes.

Reason for Change

Change of bulk shipping media from tray to coil tape.
After the effective date of this PCN, Silicon Labs will ship in coil tape for bulk orders of these products.

Impact on Form, Fit, Function, Quality, Reliability

Only the form of the bulk shipping media will change. There is no impact on Fit, Function, Quality and Reliability.

Product Identification

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Timing Oscillators
510XXXXXXXXXXAAG
510XXXXXXXXXXBAG
511XXXXXXXXXXAAG
511XXXXXXXXXXBAG
512XXXXXXXXXXAAG
512XXXXXXXXXXBAG
513XXXXXXXXXXAAG
513XXXXXXXXXXBAG
514XXXXXXXXXXAAG
514XXXXXXXXXXBAG
515XXXXXXXXXXAAG
515XXXXXXXXXXBAG
516XXXXXXXXXXAAG
516XXXXXXXXXXBAG
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530XXXXXXXXDG
531XXXXXXXXDG
532XXXXXXXXDG
533XXXXXXXXDG
534XXXXXXXXDG
535XXXXXXXXDG
536XXXXXXXXDG
550XXXXXXXXDG
552XXXXXXXXDG
554XXXXXXXXDG
570XXXXXXXXXDG
571XXXXXXXXXDG
590XXXXXXXXXDG
591XXXXXXXXXDG
595XXXXXXXXXDG
596XXXXXXXXXDG
597XXXXXXXXXDG
598XXXXXXXXXDG
599XXXXXXXXXDG
Timing Buffers/Clocks
SI5351X-B-GM
SI5350X-XXXXXX-GM
SI5351X-XXXXXX-GM

Where 'X' represents custom part numbers.
Note:  The Si54X and Si56X products are already shipping with coil tape for bulk media.
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Last Date of Unchanged Product: 10/17/2018

Qualification Samples

Samples are available upon request

Customer Response
Lack of acknowledgment of the PCN within 30 days constitutes acceptance of the change, Ref. JEDEC-J-STD-046.

To request further data or inquire about this notification, please contact your Silicon Labs sales representative. A list of Silicon Labs sales representatives is available at http://www.silabs.com.

Customers may approve early PCN acceptance by emailing approval, along with PCN # to PCNEarlyAcceptance@silabs.com
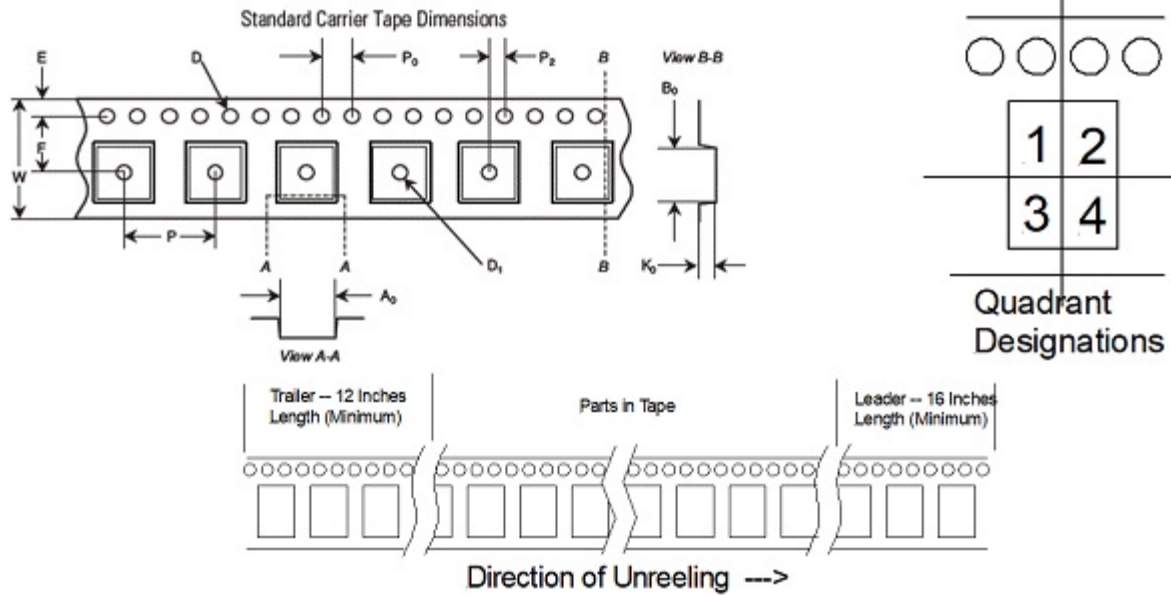
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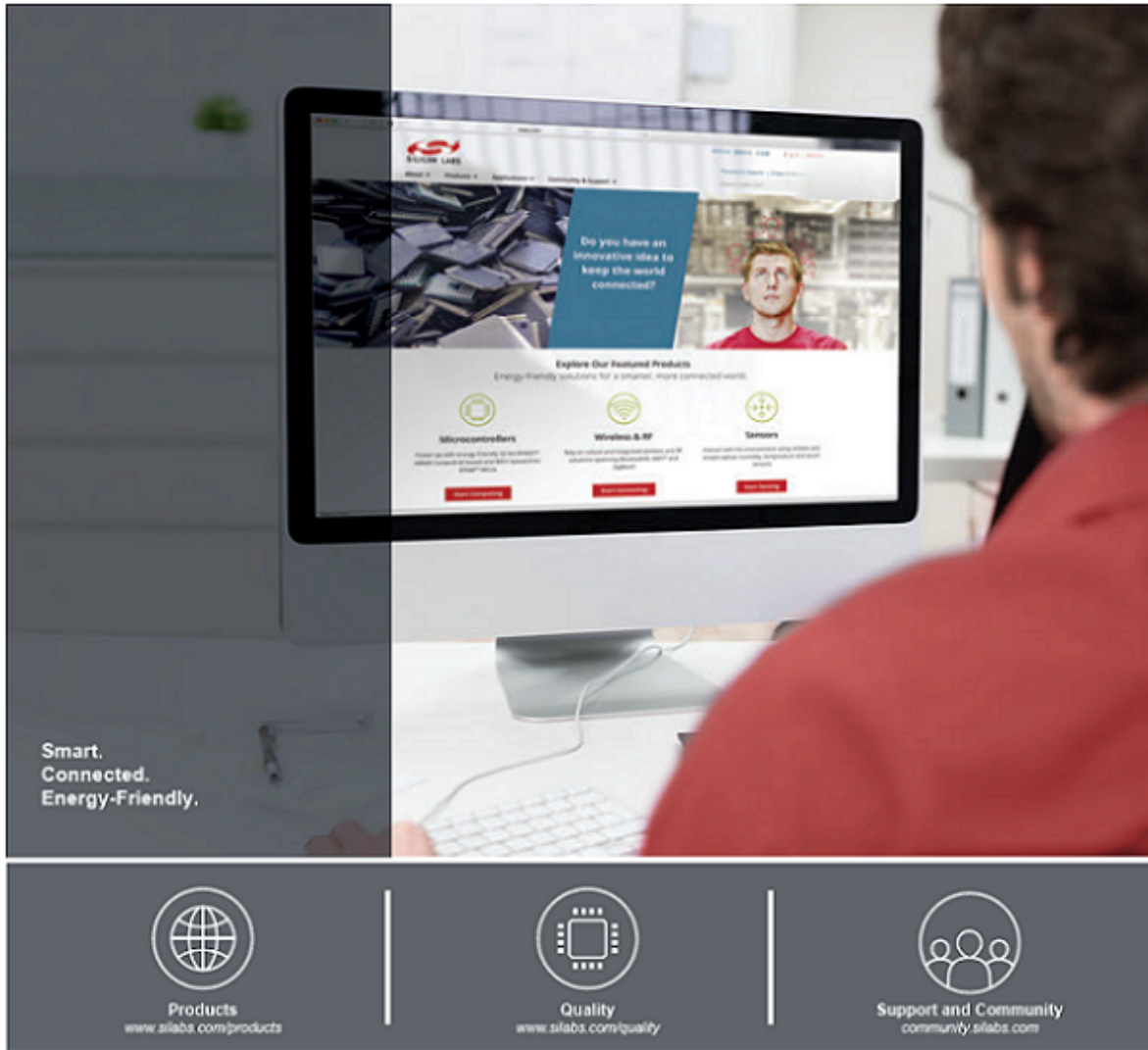
Qualification Data

Available upon request

Coil Tape Configuration Table

Package	Lead Count	Package Description	Width (mm) W	Pitch (mm) P	Pocket Size (mm) A0	B0	K0	K1	Parts per Meter	Reel Hub Diameter (inch)	Pin-1 Orientation (Quadrant)
CLCC	4, 6, 8	CLCC 3.2x5	12	8	3.7	5.5	1.4	N/A	125	N/A	1
CLCC	4, 6, 8	CLCC 5x7	16	8	5.4	7.6	2	N/A	125	N/A	1
DFN	4, 6	DFN 2.5x3.2	12	8	2.75	3.45	1.05	N/A	125	N/A	1
QFN	20	QFN 4X4	12	8	4.35	4.35	1.1	N/A	125	N/A	1

Standard Carrier Tape Dimensions

Quadrant Designations

Direction of Unreeling --->

Tape Pitch	4 mm	8 mm	12 mm	16 mm	24 mm
Minimum Number of pockets for leader	102	51	34	26	17
Minimum Number of pockets for trailer	77	39	25	20	13

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