



190411517 Si54x RevB Oscillators Now Available, RevA is NRND

PRCN Issue Date: 4/11/2019

Effective Date: 7/17/2019

PCN Type: Product Revision

Description of Change

Revision B of the Si54x Oscillators is in volume production. Revision A is Not Recommended for New Designs (NRND).

Reason for Change

The original Si54x RevA parts (Si540/1/2/5/6/7) were launched in 2017 and were fixed frequency, 3.2x5mm only. RevB silicon has a minor improvement which enables I2C-controllable variants (Si544/549). This improvement has no impact to the original, fixed frequency devices. The revision letter is being updated in order to use the same silicon die used in the I2C and 5x7mm devices which were launched after 2017. All Si54x oscillators are available in volume production using RevB silicon.

Silicon Labs will continue to support shipments of RevA material for a minimum of 1 year after this PCN Effective Date.

Impact on Form, Fit, Function, Quality, Reliability

RevB has no change to Form, Fit, Function, Quality, Reliability of the RevA devices. All specs in the RevB datasheet are the same as in RevA, and qual reports for RevB are available if needed.

Product Identification

Existing Part #	Replacement Part #	DropInCompInd.
540AAA000244BAG	540AAA000244BBG	YES
540AAA000244BAGR	540AAA000244BBGR	YES
540AAA000274BAG	540AAA000274BBG	YES
540AAA000274BAGR	540AAA000274BBGR	YES
540AAA000278BAG	540AAA000278BBG	YES
540AAA000278BAGR	540AAA000278BBGR	YES
540AAA000351BAG	540AAA000351BBG	YES
540AAA000351BAGR	540AAA000351BBGR	YES
540AAA100M000BAG	540AAA100M000BBG	YES
540AAA100M000BAGR	540AAA100M000BBGR	YES
540AAA10M0000BAG	540AAA10M0000BBG	YES
540AAA10M0000BAGR	540AAA10M0000BBGR	YES
540AAA114M285BAG	540AAA114M285BBG	YES
540AAA114M285BAGR	540AAA114M285BBGR	YES
540AAA122M880BAG	540AAA122M880BBG	YES
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540BAA000244BAG	540BAA000244BBG	YES
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549BAA001846BAG	549BAA001846BBG	YES
549BAA001846BAGR	549BAA001846BBGR	YES

Last Date of Unchanged Product: 7/17/2019

Qualification Samples

RevB 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>.

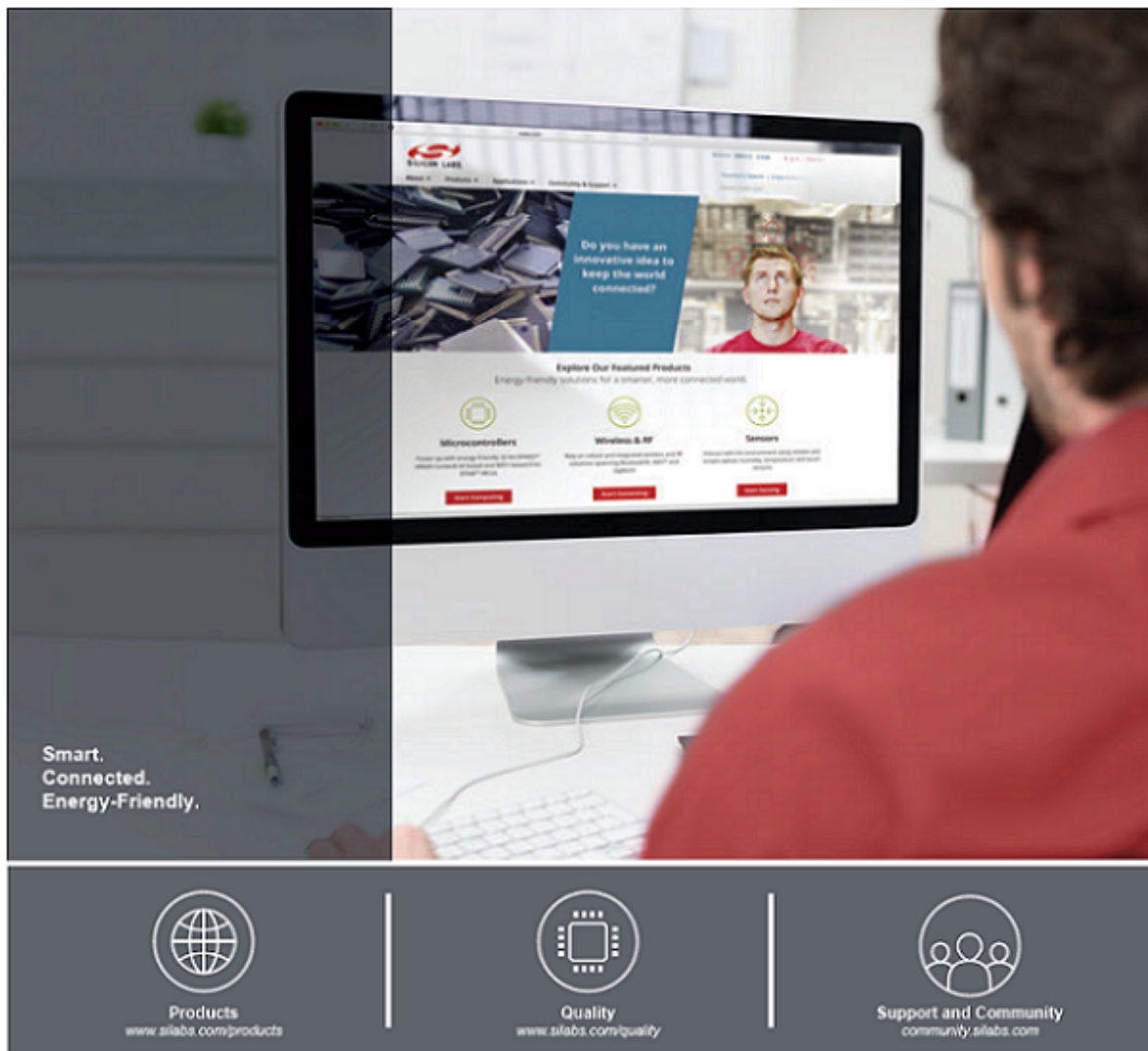
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Qualification Data

RevB qualification data is available upon request.



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