

2303221430 Alternate Crystal Supplier for xGM240S

PCN Issue Date: Mar 22, 2023 Effective Date: Jun 28, 2023

PCN Type: Assembly

Description of Change

Silicon Labs is pleased to announce the successful qualification of additional crystal supplier (TXC) for xGM240S SIP modules. Upon PCN effective date, Silicon Labs will begin shipping the products listed below with any one of the qualified crystals - Tai-Saw – TZ3541C (or) TXC – 8Y39072006.

Reason for Change

New crystal supplier qualification to mitigate supply constraint.

Impact on Form, Fit, Function, Quality, Reliability

No impact on Form, Fit, Function, Quality, Reliability.

Product Identification

Existing Part #BGM240SA22VNA2 BGM240SA22VNA2RBGM240SB22VNA2RBGM240SB22VNA2RMGM240SA22VNA2RMGM240SA22VNA2RMGM240SD22VNA2RMGM240SD22VNA2RMGM240SD22VNA2R

Last Date of Unchanged Product: Jun 28, 2023

Qualification Samples

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

User Registration

Register today to create your account on Silabs.com. Your personalized profile allows you to receive technical document updates, new product announcements, "how-to" and design documents, product change notices (PCN) and other valuable content available only to registered users. http://www.silabs.com/profile

Qualification Data

Available upon request.



BGM240S/MGM240S Qualification Report for Tai-Saw Crystal

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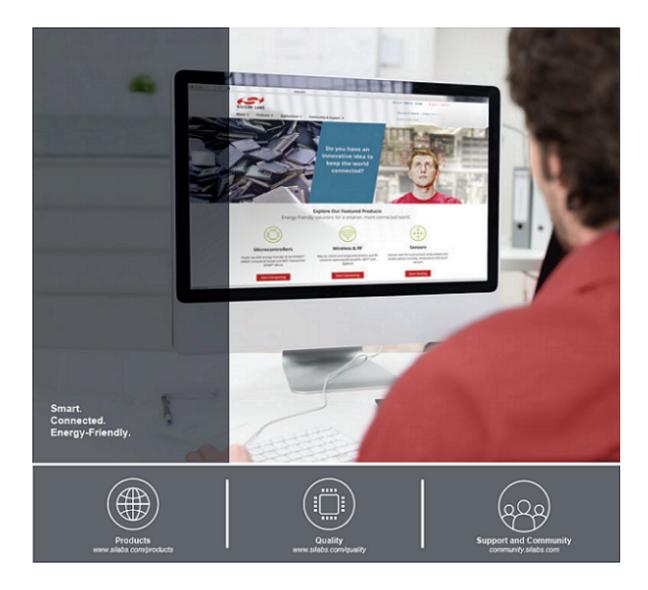
Test Name	Test Condition	Qualification	Lot ID or Start	Fail/Pass or End	Notes	Summary	Status
Test Group A - Accel	erated Environment Stress	s Tests					
Preconditioning	JESD22-A113 MSL3: 260°C 30°C / 60%RH / 192 Hr	1 lot, N=>25	Q050044	0/80	1	1 lot 0/80	Pass
Test Group C - Packa	ige Assembly Integrity Tes	sts					
Mechanical Shock	JESD22-B110, Cond. B (1500g)	1 lot, N=>39	Q050045	0/44	1	1 lot 0/44	Pass
Mechanical Vibration	JESD22-B103, Cond. 1 (20-2000Hz)	1 lot, N=>39	Q050046	0/44	1	1 lot 0/44	Pass
Constant Acceleration	MIL-STD-883, Cond B (10,000g)	1 lot, N=>39	Q050047	0/44	1	1 lot 0/44	Pass

Notes:

1. Qualification of alternate crystal Tai Saw

This report applies to the following part numbers:				
BGM240SA22VNA2 MGM240SA22VNA2	BGM240SB22VNA2 MGM240SD22VNA2			

Wilson Choy Page 1 3/2/2023



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