



180619184 Additional Assembly Test Ship Site for MGM111 & ARTIK Modules

Bulletin Issue Date: 6/19/2018

Effective Date: 6/19/2018

Description of Change

Silicon Labs is pleased to announce the successful qualification of Delta as an additional assembly, test and ship site for MGM111-A, ARTIK-020-A & ARTIK-030-A modules (including custom firmware variants).

Delta is one of our existing suppliers and certified to TL 9000, ISO 9001 and ISO 14001. The shipping site location is as follows:

Delta Electronics Components (WuJiang) Ltd
No. 168 Jishi East Road, Wujiang Economy Development Zone
Wujiang City 215200, Jiangsu Province
China
Tel: +86-0512-63406008

As of the effective date of the PB, Silicon Labs will continue to fulfill orders from either existing supplier or new qualified supplier.

The assembly qualification reports are attached herewith and the test qualification report is available upon request.

Reason for Change

Adding new site for capacity expansion

Product Identification

Existing Part #
MGM111AXXXX
ARTIK-020-A
ARTIK-030-A

Where 'X' denotes custom part numbers

This change is considered a minor change which does not affect form, fit, function, quality, or reliability. The information is being provided as a customer courtesy.

Please contact your local Silicon Labs sales representative with any questions about this notification. A list of Silicon Labs sales representatives may be found at <http://www.silabs.com>.

Customer Actions Needed:

No action needed

User Registration

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MGM111A Qualification Report



W7104F1 - Module Product Qualification Report Record Rev. A

MGM111A Additional Assembly and Test Site							
Test Name	Test Condition	Qualification	Lot ID or Start	Fail/Pass or End	Notes	Summary	Status
Test Group A – Accelerated Environment Stress Tests							
Temp Cycle	JESD22-A104 Cond N: -40°C to 85°C 1500 cycles	1 lot, N=>10	Q042898	0/15	1	1 lot 0/15	Pass
Test Group C – Package Assembly Integrity Tests							
Mechanical Shock	JESD22-B110, Cond. B (1500g)	1 lot, N=>10	Q042174	0/10		1 lot 0/10	Pass
Mechanical Vibration	JESD22-B103, Cond. 1 (20-2000Hz)	1 lot, N=>10	Q042175	0/10		1 lot 0/10	Pass
Cleanliness Assessment	IPC-TM-650 2.3.28B	1 lot, N=>10	Q042176	0/10		1 lot 0/10	Pass

Notes:

1. Parts are Pre-conditioned at MSL3/260°C

This report applies to the following part numbers:
MGM111A, ARTIK-30

Approved by: Wilson Choy

1 of 1

Prepared on: 24-May-18

Reliability Qual Report_MGM111-A & ARTIK-030

BGM111A/113A Qualification Report



W7104F1 - Module Product Qualification Report Record Rev. A

BGM111A/113A Alternate PCB source							
Test Name	Test Condition	Qualification	Lot ID or Start	Fail/Pass or End	Notes	Summary	Status
Test Group A – Accelerated Environment Stress Tests							
Temp Cycle	JESD22-A104 Cond N: -40°C to 85°C 1500 cycles	1 lot, N=>10	Q042676	0/15	1	1 lot 0/15	Pass
Test Group C – Package Assembly Integrity Tests							
Mechanical Shock	JESD22-B110, Cond. B (1500g)	1 lot, N=>10	Q042610	0/10		1 lot 0/10	Pass
Mechanical Vibration	JESD22-B103, Cond. 1 (20-2000Hz)	1 lot, N=>10	Q042609	0/10		1 lot 0/10	Pass
Cleanliness Assessment	IPC-TM-650 2.3.28B	1 lot, N=>10	Q042796	0/10		1 lot 0/10	Pass

Notes:

- Parts are Pre-conditioned at MSL3/260°C

This report applies to the following part numbers:
BGM111A; BGM113A, ARTIK-20

Approved by: Wilson Choy

1 of 1

Prepared on: 24-May-18

Reliability Qual Report_ARTIK-020



Disclaimer

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