



190807561 Additional Assembly Test Ship Site for BGM111A & WGM110 Module

Bulletin Issue Date: 8/7/2019

Effective Date: 8/7/2019

Description of Change

Silicon Labs is pleased to announce the successful qualification of USI Taiwan as an additional assembly, test and ship site for BGM111A and WGM110A/E Module. USI Taiwan is certified and registered to ISO9001, ISO14001 and IATF16949.

The address for USI Taiwan is:

Universal Global Scientific Industrial Co., Ltd.
No. 135 & 141, Lane 351, Sec. 1, Taiping Road,
Tsao Tuen, Nan-Tou 54261, Taiwan

Reason for Change

The additional assembly and test location will provide additional capacity for supply assurance.

Product Identification

BGM111A256V2
BGM111A256V21
BGM111A256V21R
BGM111A256V2P1024
BGM111A256V2R
BGM111A2-V2-P1071
BGM111A2-V2-P1156
BGM111A2-V2-P1240
BGM111A2-V2-P1240R
BGM111A2-V2-P1394
BGM111A2-V2-P1394R
WGM110A1MV2
WGM110A1M-V2-P1163
WGM110A1M-V2-P1290
WGM110A1MV2R
WGM110E1MV2
WGM110E1MV2R

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:

None.

User Registration

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BGM111A Qualification Report



W7104F1 - Module Product Qualification Report Record Rev. A

BGM111A, Manufacturing site as per note							
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	Q038566	0/10	1, 2		Pass
			Q042676	0/15	1, 2		
			Q038950	0/10	1, 3		
			Q043951	0/15	1, 4		
Test Group C – Package Assembly Integrity Tests							
Mechanical Shock	JESD22-B110, Cond. B (1500g)	1 lot, N=>10	Q042610	0/10	2		Pass
			Q044111	0/10	4		
Mechanical Shock	JESD22-B110, Cond. D (200g)	1 lot, N=>10	Q038562	0/10	2		Pass
			Q038948	0/10	3		
Mechanical Vibration	JESD22-B103, Cond. 1 (20-2000Hz)	1 lot, N=>10	Q038563	0/10	2		Pass
			Q042609	0/10	2		
			Q038949	0/10	3		
			Q044110	0/10	4		
Cleanliness Assessment	IPC-TM-650 2.3.28B	1 lot, N=>10	Q042796	0/10	2		Pass
			Q044112	0/10	4		

Notes:

1. Parts are Pre-conditioned at MSL3/260°C
2. Delta manufacturing site
3. CDTEch manufacturing site
4. USITW manufacturing site

This report applies to the following part numbers:
BGM111A

Approved by: Wilson Choy

1 of 1

Prepared on: 19-Jun-19

WGM110 Qualification Report



W7104F1 - Module Product Qualification Report Record Rev. A

WGM110, Manufacturing site as per note							
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	Q039105	0/10	1, 2		Pass
			Q043032	0/10	1, 2		
			Q044281	0/14	1, 3		
			Q044282	0/15	1, 3		
Test Group C – Package Assembly Integrity Tests							
Mechanical Shock	JESD22-B110, Cond. D (200g)	1 lot, N=>10	Q039107 Q040027	0/10 0/10	2 2		Pass
Mechanical Shock	JESD22-B110, Cond. B (1500g)	1 lot, N=>10	Q044583 Q044586	0/10 0/10	3 3		Pass
Mechanical Vibration	JESD22-B103, Cond. 1 (20-2000Hz)	1 lot, N=>10	Q039106 Q040028 Q044582 Q044585	0/10 0/10 0/10 0/10	2 2 3 3		Pass
Cleanliness Assessment	IPC-TM-650 2.3.28B	1 lot, N=>10	Q044584 Q044587	0/10 0/10	3 3		Pass

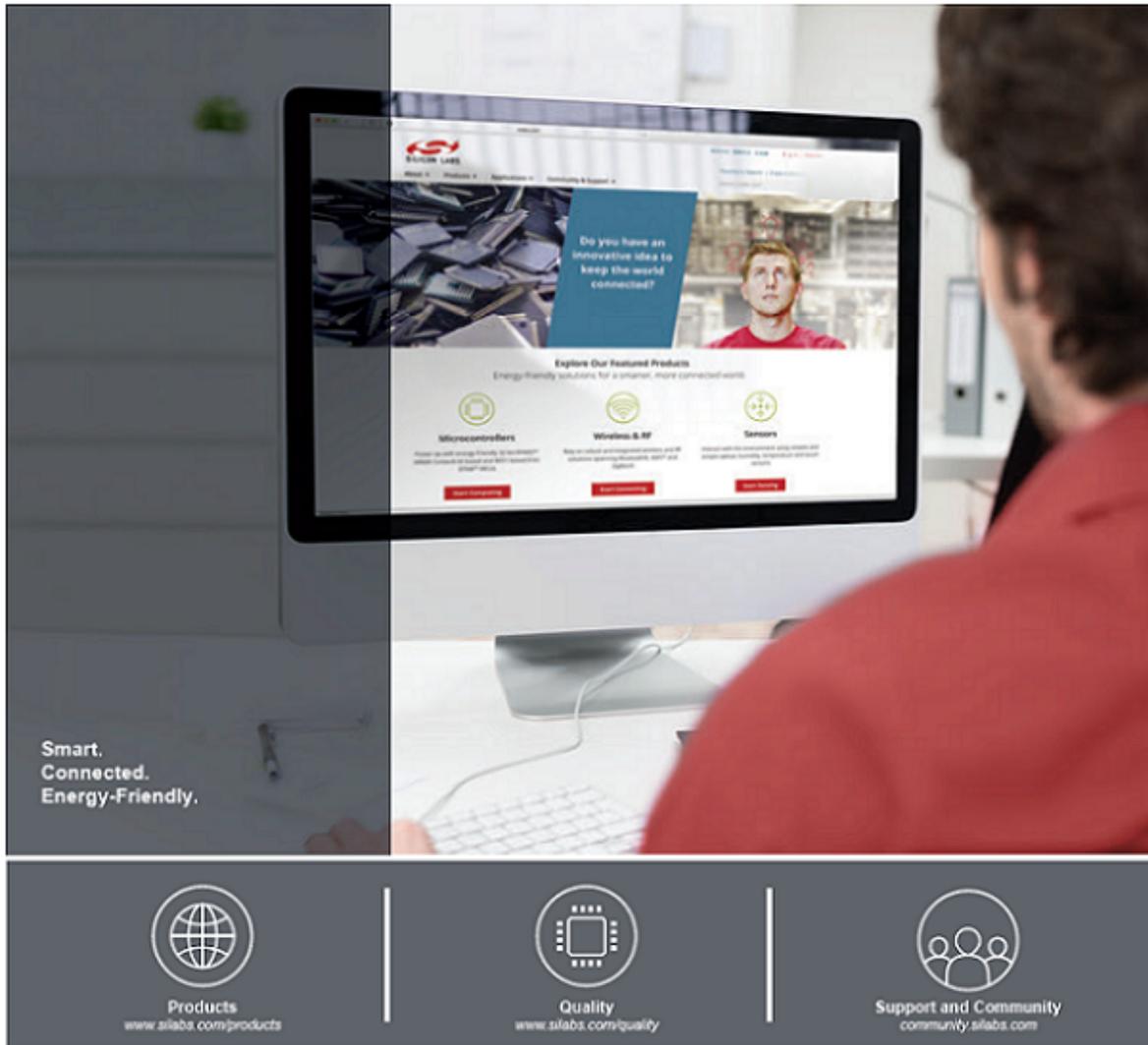
- Notes:
1. Parts are Pre-conditioned at MSL3/260°C
 2. Delta manufacturing site
 3. USITW manufacturing site

This report applies to the following part numbers:
WGM110A WGM110E

Approved by: Wilson Choy

1 of 1

Prepared on: 19-Jun-19



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