



200602784 End of Life Notification for AMW007/AMW037 Old Flash OPNs

EOL Issue Date: 6/2/2020

Effective Date: 6/8/2021

Last Order Date: 12/8/2020

PCN Type: Discontinuance

Description of Change

Silicon Labs announces an End of Life (EOL) and Last Time Buy (LTB) for AMW007-2.2.14(R) and AMW037-2.2.14(R).

Existing customers may place LTB orders per the key dates above and guidelines listed in this EOL form.

All customer orders with a Customer Requested Delivery Date (CRD) between the Last Time Buy (Order) Date and the EOL Effective Date will be Non-Cancellable and Non-Returnable (NCNR). As of this EOL Date, Silicon Labs will no longer accept customer orders with a CRD beyond the EOL Effective Date.

SOFTWARE IMPACT DESCRIPTION:

AMW0x7 customers are advised to review Release Notes for Gecko OS Edition 2 for differences between ZentriOS WL and Gecko OS 2.

If you have questions about this EOL, please contact your Silicon Labs sales representative. A list of Silicon Labs sales representatives is available at www.silabs.com.

Reason for Change

The flash memory, used in the prior revisions of AMW007 and AMW037, is going to be End of Life. This affects all older AMW007/AMW037 revisions as well.

As a replacement solution Silicon Labs recommends the WGM160P Wi-Fi module. As a direct drop-in replacement for AMW0x7-2.x, Silicon Labs provides also AMW007/037 revision 2.3.0, which includes a new flash memory but is not recommended for new designs.

Impact on Form, Fit, Function, Quality, Reliability

There is no impact on form, fit, function, quality or reliability.

Product Identification

Existing Part #	Replacement Part #	DropInCompInd.
AMW007-2.2.14	WGM160PX22KGA2	No
AMW007-2.2.14R	WGM160PX22KGA2R	No
AMW037-2.2.14	WGM160PX22KGA2	No
AMW037-2.2.14R	WGM160PX22KGA2R	No

Kit Identification

Orders for the following obsolete kits will no longer be accepted.

Existing Kit #	Replacement Kit #
NA	NA

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>

AMW007, AMW037 Qualification Report (new flash)



AMW007, AMW037 Ryder Assembly							
Test Name	Test Condition	Qualification	Lot ID or Start	Fail/Pass or End	Notes	Summary	Status
Test Group A – Accelerated Environment Stress Tests							
Preconditioning	JESD22-A113 MSL3@260°C 30°C/60%RH/192hrs	1 lot, N=>10	Q045554	0/15		1 lot 0/15	Pass
Temp Cycle	JESD22-A104 Cond N: -40°C to 85°C 1500 cycles	1 lot, N=>10	Q045555	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	Q045556	0/10		1 lot 0/10	Pass
Mechanical Vibration	JESD22-B103, Cond. 1 (20-2000Hz)	1 lot, N=>10	Q045557	0/10		1 lots 0/10	Pass
Cleanliness Assessment	IPC-TM-650 2.3.28B	1 lot, N=>10	Q045558	0/10		1 lot 0/10	Pass

Notes:

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

This report applies to the following part numbers:

AMW007x; AMW037x



Disclaimer

Silicon Labs intends to provide customers with the latest, accurate, and in-depth documentation of all peripherals and modules available for system and software implementers using or intending to use the Silicon Labs products. Characterization data, available modules and peripherals, memory sizes and memory addresses refer to each specific device, and "Typical" parameters provided can and do vary in different applications. Application examples described herein are for illustrative purposes only. Silicon Labs reserves the right to make changes without further notice and limitation to product information, specifications, and descriptions herein, and does not give warranties as to the accuracy or completeness of the included information. Silicon Labs shall have no liability for the consequences of use of the information supplied herein. This document does not imply or express copyright licenses granted hereunder to design or fabricate any integrated circuits. The products are not designed or authorized to be used within any Life Support System without the specific written consent of Silicon Labs. A "Life Support System" is any product or system intended to support or sustain life and/or health, which, if it fails, can be reasonably expected to result in significant personal injury or death. Silicon Labs products are not designed or authorized for military applications. Silicon Labs products shall under no circumstances be used in weapons of mass destruction including (but not limited to) nuclear, biological or chemical weapons, or missiles capable of delivering such weapons.

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