



End of Life (EOL) Change Notice #1512181

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EOL Date: 12/18/2015		EOL Effective Date: 12/23/2016	
Title: WT11i/WT41 End of Life (EOL)			
Originator: Valerie Ward	Phone: 1-512-464-9257	Dept: Quality Systems Engineering	
Customer Contact: Kathy Haggar	Phone: 1-512-905-2176	Dept: Inside Sales	
PCN Type: End of Life			
Last Time Buy (Order) Date: 3/23/2016			

PCN Details								
Description of Change:								
<p>Silicon Labs announces an End of Life (EOL) and Last Time Buy (LTB) for the WT11i module and its custom variants (WT11i-XXXXXXXXXXXXXX) and for the WT41 module and its custom variants (WT41- XXXXXXXXXXXXXXXX).</p> <p>The key dates are listed in the table below:</p> <table border="1" style="width: 100%;"> <thead> <tr> <th>EOL Date</th> <th>Last Time Buy (Order) Date</th> <th>EOL Effective Date</th> </tr> </thead> <tbody> <tr> <td>12/18/2015</td> <td>3/23/2016</td> <td>12/23/2016</td> </tr> </tbody> </table> <p>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.</p> <p>The reason for the EOL is the discontinuation of the power amplifier used in WT11i and antenna used in WT41. During 2016, Silicon Labs will offer pin-compatible replacements for these affected parts.</p> <p>WT11i and WT41 customers can also consider moving to BT121-A-V2, Bluetooth Smart Ready module offering 108 dBm link budget, comparable WT41 and WT11i range.</p> <p>If you have questions about this notification, please contact your Silicon Labs sales representative. A list of Silicon Labs sales representatives is available at www.silabs.com.</p>			EOL Date	Last Time Buy (Order) Date	EOL Effective Date	12/18/2015	3/23/2016	12/23/2016
EOL Date	Last Time Buy (Order) Date	EOL Effective Date						
12/18/2015	3/23/2016	12/23/2016						
Reason for Change: End of Life of Skyworks Power Amplifier								
Impact on Form, Fit, Function, Quality, Reliability: None								



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Product Identification:

The X below represents a customizable part number.

Existing Part Number

WT11i-A-XX...X

WT11i-E-XX...X

WT41-A-XX...X

WT41-E-XX...X

WT41-N-XX...X

EBWT11i

EBWT41

Last Date of Unchanged Product: Not Applicable

Qualification Samples: Not Applicable

Customer Early Acceptance Sign Off:

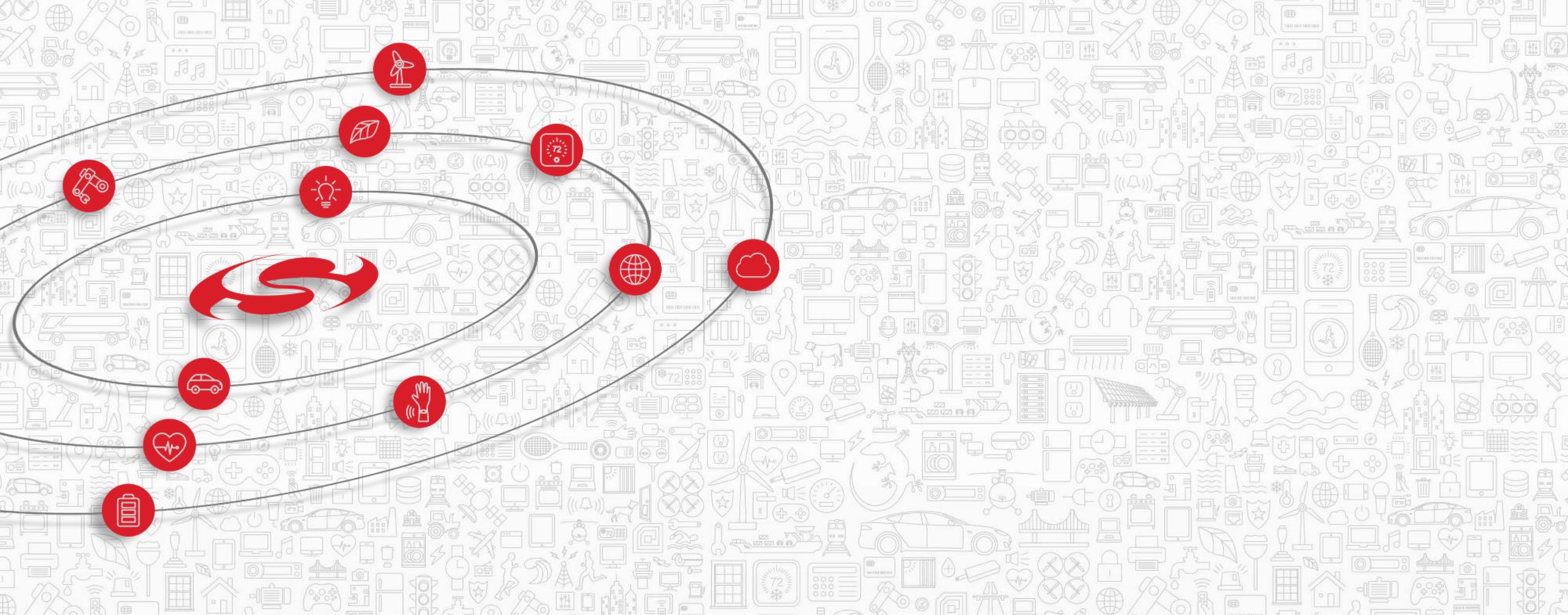
Customers may approve early PCN acceptance by completing the information below:

Early Acceptance: Date: _____

 Name: _____

 Company: _____

Email your early Acceptance approval to: katherine.hagggar@silabs.com



EOL of WT11i and WT41 - Additional Information

December 18th, 2015



Summary of WT11i and WT41 EOL

- WT11i and WT41 EOL Reason: Components in BOM (Skyworks PA and Murata Antenna) are becoming obsolete
- EOL Dates
 - EOL Date (announcement): December 18th, 2015
 - Last Time Buy (LTB): March 23rd, 2016
 - EOL Effective Date (Last Time Delivery, LTD): December 23rd, 2016
- Drop-in, pin-to-pin compatible replacements for WT11i and WT41
 - Preliminary datasheet: Q1/2016
 - Pre-production samples: Q2/2016
 - The mass production: by end of 2016
- Customers who want to migrate into smaller footprint, with similar RF link budget, Silicon Labs recommends the new BT121 Bluetooth Smart Ready module offering also higher throughput

EOL Ordering Guidance for Customers

- Distributors, customers and CM's must order the EOL modules before LTB date (March 23rd, 2016). After March 23rd no new orders are accepted.
- All deliveries after LTB date will be Non-Cancellable and Non-Returnable (NCNR).
- Last delivery date of modules is the EOL Effective Date (Sept. 23rd, 2016). No rescheduling is allowed.
- The EOL modules are in the allocation. Anyhow, we don't anticipate there will be limitations on fulfilling the demand.
- For above reasons customers, distributors and CM's are advised to order quantities equal to 2016 production needs as soon as possible.

Replacement Part Numbers

- General targets for new pin-to-pin modules
 - HW; Drop-in, Pin-to-Pin compatible
 - SW; feature and API compatible, same iWRAP versions
 - Certifications; Same certifications as earlier - Certification ID's get updated
 - Custom part numbers; Same customer part numbers provided based on the customer needs
 - New designs; by using existing products
 - Pricing; No changes
- Next generation products
 - WT11i and WT41 customers can also move to BT121-A-V2 (Bluetooth Smart Ready module) offering 108 dBm link budget, which is comparable with WT41 and WT11i modules
- Replacement for WT11i-A and WT11i-E
 - No changes to the customer layout
 - New PN; WT11u-A and WT11u-E
- Replacement for WT41-A and WT41-E/N
 - For WT41-E/N, New PN: WT41u-E and WT41u-N
No changes to the customer layout
 - For WT41-A, New PN: WT41u-A Requires PCB layout change for metal clearance area underneath the antenna. May also require change in the GND plane design around the antenna.
- WT11u and WT41u Schedule
 - Q1/2016 - Preliminary datasheet
 - Q2/2016 - Pre-production samples
 - Q4/2016 - Mass production and certifications

FAQ's for WT11i and WT41

- Q: What is the advised quantity for customers to order?

A: If a customer is planning to stay with the existing part number, and not to move on pin-to-pin replacement, Silicon Labs advises customers to order the quantity which should match with the lifetime demand of the product. If the customer is planning to move, e.g., to the new pin-to-pin modules in early 2017, the ordered quantity should be at least the demand for 2016.

- Q: Can Silicon Labs deliver all the ordered quantities?

A: Silicon Labs is preparing and trying to meet that demand ordered by the customers in the LTB date. If that is not possible, the products may go the allocation based on the ordered quantities. For this reason we advise our customers, distributors and CM, to order the quantities as early as possible.

- Q: Does Silicon Labs see a risk of developing the pin-to-pin compatible modules?

A: No. The core of the products, i.e., CSR BC04-ext chipset is still used and the components to be changed do not impose a significant technical risk.

FAQ's for the replacement modules

- Q: Is Silicon Labs committed of delivering the pin-to-pin compatible modules?

A: Silicon Labs is committed to designing the pin-to-pint compatible modules.

- Q: Will Silicon Labs use the same manufacturing suppliers as earlier?

A: For the old parts, the same suppliers are planned to used. For the new parts, the manufacturing suppliers are being evaluated and decided before the production will start.

- Q: What happens to the product RF certifications?

A: Silicon Labs will provide the detailed guidance later how to act with the certifications when considering the new part numbers. Our intention is to offer certifications as today for WT11i and WT41.

- Q: Why is the notification period for last orders not according to JEDEC standards?

A: The methods in use by Bluegiga prior the acquisition by Silicon Labs was different than what is prescribed by JEDEC. All Bluegiga product changes and discontinuances going forward will comply with Silicon Labs standard practices for customer notification. These practices are in accordance with JEDEC JESD46 and JESD48.