



# Process Change Notice #1507241

## User Registration

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<b>PCN Date:</b> 7/24/2015		<b>Effective Date:</b> 10/29/2015	
<b>Title:</b> Si51211, Si51218, Si53102 Assembly Site Addition (ASECL)			
<b>Originator:</b> Linda Lua		<b>Phone:</b> +1-408-702-1322	<b>Dept:</b> Timing
<b>Customer Contact:</b> Kathy Haggar		<b>Phone:</b> +1-512-532-5261	<b>Dept:</b> Sales
<b>PCN Type:</b>			
<input type="checkbox"/> Datasheet	<input type="checkbox"/> Foundry	<input type="checkbox"/> Packing	
<input type="checkbox"/> Product Revision	<input checked="" type="checkbox"/> Assembly	<input type="checkbox"/> Labeling	
<input type="checkbox"/> Discontinuance	<input type="checkbox"/> Test	<input type="checkbox"/> Other	
<b>Last Order Date:</b> Not Applicable			
<b>PCN Details</b>			
<b>Description of Change:</b>			
Silicon Labs is pleased to announce the successful addition of ASECL (Advanced Semiconductor Engineering Chung Li) as an additional Assembly site for the Si51211, Si51218 and Si53102 products. ASECL is an existing Assembly site for Silicon Labs, and is certified to ISO9001, ISO14001 and ISO/TS16949.			
ASECL address: ASE (Chung-Li) INC. 550, Chung-Hwa road section 1 Chung Li 320, Taiwan, ROC			
As of the effective date of the PCN, Silicon Labs may assemble from either of the qualified Assembly sites.			
The following table shows the BOM of both sites:			
	SPEL	ASECL	
Package Type :	8L TDFN 1.4x1.6mm	8L TDFN 1.4x1.6mm	
Lead Frame :	Matrix, Half-Etched, Alloy C194, Ag-Ring plated	Etched, Copper Alloy C194, NiPdAu PPF Plating	
Die Attach Epoxy :	ABLEBOND 8006NS	Henkel ATB-125	
Bond Wire :	0.8mil, 4N Gold	0.8 mil, 2N Gold	
Mold Compound :	SUMITOMO G770HCD	Sumitomo EME-G700LY	
Lead Finish :	Sn 100 (Matte Tin), 10um Min. Thickness Post-Plating Anneal: 1Hour @ 150C	NiPdAu u-PPF	
<b>Reason for Change:</b>			
Increase assembly capacity and ensure dual sourcing			



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**Impact on Form, Fit, Function, Quality, Reliability:**

Change in BOM as specified in the BOM table above. No changes to Fit, Function, Quality and Reliability

**Product Identification:****Si51211**

Si51211-A13AFM  
Si51211-A13AFMR  
Si51211-A15AFM  
Si51211-A15AFMR  
Si51211-A17AFM  
Si51211-A17AFMR  
Si51211-A1JAGM  
Si51211-A1JAGMR

**Si51218**

Si51218-A11AFM  
Si51218-A11AFMR  
Si51218-A12AFM  
Si51218-A12AFMR  
Si51218-A1AAGM  
Si51218-A1AAGMR

**Si53102**

Si53102-A1-GM  
Si53102-A1-GMR  
Si53102-A2-GM  
Si53102-A2-GMR  
Si53102-A3-GM  
Si53102-A3-GMR

**Last Date of Unchanged Product:** 10/29/2015

**Qualification Samples:**

Available upon request



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Specific conditions of acceptance of this change will be considered on a case by case basis if written notice is submitted within 30 days of this notice. To request further data or inquire about this notification, please contact your local Silicon Labs sales representative. A list of Silicon Labs sales representatives is available at [www.silabs.com](http://www.silabs.com) .

In some cases rejection of a change notice may impact Silicon Labs product pricing, delivery, quality, or reliability.

### 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.haggard@silabs.com](mailto:katherine.haggard@silabs.com)

### Qualification Data:

Available upon request