

## **Process Change Notice #1201242**

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Title: Si3217x datasheet revision 1.2  Originator: Rick Bye	PCN Date: 24Jan12			Effective Date: 24Jan12			
Customer Contact: Kathy Haggar	Title: Si3217x datasheet revision 1.2						
PCN Type:  Assembly   Discontinuance   Package   Test   Datasheet   Fabrication   Product Revision   Other   Last Order Date: N/A  PCN Details  Description of Change: Silicon Laboratories is pleased to announce revision 1.2 of the datasheet for the Si3217x single package ProSLIC family. This revision adds information on the LGA package option which was previously only described in a separate datasheet. The LGA package option is 100% hardware and software compatible with designs using the NBA package. The PCB foot print, solder mask and solder profile are identical for both packages. The LGA packaged devices have part numbers ending in -FM(R), while the NBA packaged parts have part numbers ending in -FM(R).  Additional minor changes are described in the document change list at the end of the datasheet. Please contact your local Silicon Laboratories sales representative for a copy of the datasheet. A list of Silicon Laboratories sales representative for a copy of the datasheet. A list of Silicon Laboratories sales representatives may be found at <a href="https://www.silabs.com">www.silabs.com</a> Reason for Change: Previously LGA info was in a separate datasheet which is now obsolete.  Impact on Form, Fit, Function, Quality, Reliability: None  Product Identification: This change applies to all Si3217x part numbers including the part numbers listed below:  LGA commercial LGA industrial temp.	Originator: Rick Bye	Phone: 512-532-57		Dept: Wireline Access			
□ Assembly □ Discontinuance □ Package □ Test □ Datasheet □ Fabrication □ Product Revision □ Packing □ Labeling □ Location □ Other  Last Order Date: N/A  PCN Details  Description of Change: Silicon Laboratories is pleased to announce revision 1.2 of the datasheet for the Si3217x single package ProSLIC family. This revision adds information on the LGA package option which was previously only described in a separate datasheet. The LGA package option is 100% hardware and software compatible with designs using the NBA package. The PCB foot print, solder mask and solder profile are identical for both packages. The LGA package devices have part numbers ending in -FM(R), while the NBA packaged parts have part numbers ending in -FM(R).  Additional minor changes are described in the document change list at the end of the datasheet. Please contact your local Silicon Laboratories sales representative for a copy of the datasheet. A list of Silicon Laboratories sales representatives may be found at www.silabs.com  Reason for Change: Previously LGA info was in a separate datasheet which is now obsolete.  Impact on Form, Fit, Function, Quality, Reliability: None  Product Identification: This change applies to all Si3217x part numbers including the part numbers listed below:  LGA commercial LGA industrial temp. temp. temp.  Si32171-B-FM1 Si32171-B-GM1 Si32171-B-FM Si32171-B-GM Si32171-B-GM Si32171-B-GM1 Si32176-B-FM Si32177-B-GM Si32177-B-GM Si32177-B-GM1 Si32177-B-FM1 Si32177-B-GM1 Si32178-B-FM1 Si32178-B-FM1 Si32178-B-FM1 Si32178-B-FM1 Si32178-B-FM1 Si32178-	Customer Contact: Kathy Hagga	r <b>Phone</b> : 512-5	32-5261	Dept: Inside Sales			
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Packing Labeling Location Other  Last Order Date: N/A  PCN Details  Description of Change: Silicon Laboratories is pleased to announce revision 1.2 of the datasheet for the Si3217x single package ProSLIC family. This revision adds information on the LGA package option which was previously only described in a separate datasheet. The LGA package option is 100% hardware and software compatible with designs using the NBA package. The PCB foot print, solder mask and solder profile are identical for both packages. The LGA package devices have part numbers ending in -FM1(R), while the NBA package parts have part numbers ending in -FM(R).  Additional minor changes are described in the document change list at the end of the datasheet. Please contact your local Silicon Laboratories sales representative for a copy of the datasheet. A list of Silicon Laboratories sales representatives may be found at <a href="https://www.silabs.com">www.silabs.com</a> Reason for Change: Previously LGA info was in a separate datasheet which is now obsolete.  Impact on Form, Fit, Function, Quality, Reliability: None  Product Identification: This change applies to all Si3217x part numbers including the part numbers listed below:    LGA commercial   LGA industrial   NBA commercial   NBA industrial   temp.   temp.   temp.     Si32171-B-GM    Si32171-B-G	☐ Assembly ☐ Discontinuance ☐ Package ☐ Test						
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LGA commercial temp.   LGA industrial temp.	Impact on Form, Fit, Function, Quality, Reliability: None						
temp.         temp.         temp.           Si32171-B-FM1         Si32171-B-GM1         Si32171-B-FM           Si32176-B-FM1         Si32176-B-GM1         Si32176-B-FM           Si32177-B-FM1         Si32177-B-GM1         Si32177-B-FM           Si32178-B-FM1         Si32178-B-FM   Last Date of Unchanged Product: N/A							
temp.         temp.         temp.           Si32171-B-FM1         Si32171-B-GM1         Si32171-B-FM           Si32176-B-FM1         Si32176-B-GM1         Si32176-B-FM           Si32177-B-FM1         Si32177-B-GM1         Si32177-B-FM           Si32178-B-FM1         Si32178-B-FM   Last Date of Unchanged Product: N/A	LGA commercial	LGA industrial	NBA com	mercial	NBA industrial	1	
Si32176-B-FM1         Si32176-B-GM1         Si32176-B-FM         Si32176-B-GM           Si32177-B-FM1         Si32177-B-GM1         Si32177-B-FM         Si32177-B-GM           Si32178-B-FM1         Si32178-B-FM         Si32178-B-FM	temp.	temp.	tem	p.	temp.		
Si32177-B-FM1 Si32177-B-GM1 Si32177-B-FM Si32177-B-GM Si32178-B-FM1 Si32178-B-FM Last Date of Unchanged Product: N/A							
Si32178-B-FM1 Si32178-B-FM  Last Date of Unchanged Product: N/A	Si32176-B-FM1	Si32176-B-GM1	Si32176	-B-FM	Si32176-B-GM		
Last Date of Unchanged Product: N/A		Si32177-B-GM1			Si32177-B-GM		
	Si32178-B-FM1		Si32178	-B-FM		]	
Qualification Samples: N/A	Last Date of Unchanged Product: N/A						
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## **Process Change Notice #1201242**

**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: <a href="mailto:katherine.haggar@silabs.com">katherine.haggar@silabs.com</a>

Qualification Data: N/A