

# 190319499 Availability of Si5332 rev1.2 Datasheet

PCN Issue Date: 3/19/2019 Effective Date: 6/25/2019

PCN Type: Datasheet

#### **Description of Change**

Silicon Labs is pleased to announce the release of revision1.2 of the Si5332 datasheet.

### **Reason for Change**

The following changes were made:

Update QFN and LGA package thermal specifications based on JEDEC board analysis Clarify certain specifications to be consistent throughout the datasheet Notification that Si5332 meets PCIe Gen5 specifications.

#### Impact on Form, Fit, Function, Quality, Reliability

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

The following parameters have been updated in revision1.2 of the Si5332 datasheet:

Updated QFN package thermal specifications

Added LGA package thermal specifications

Updated PCIe Gen2/3/4 jitter specifications based on results using PCIe Clock Jitter Tool version3.0

Added PCIe Gen5 jitter specifications

Clarified references to QFN (A/B/C/D grades) vs LGA (E/F/G/H grades)

Corrected all references to VDDO to +/-5%

Add note stating all core voltages must be 3.3V for in-system programming through I2C

Clarified reference crystal ESR specification

Updated reference crystal max loading capacitance value for 16-30MHz crystals

## **Product Identification**

Existing Part #	
Si5332A-D-GM1	
Si5332A-D-GM2	
Si5332A-D-GM3	
Si5332B-D-GM1	
Si5332B-D-GM2	
Si5332B-D-GM3	
Si5332C-D-GM1	
Si5332C-D-GM2	
Si5332C-D-GM3	
Si5332D-D-GM1	
Si5332D-D-GM2	
Si5332D-D-GM3	
Si5332E-D-GM1	
Si5332E-D-GM2	
Si5332E-D-GM3	
Si5332F-D-GM1	
Si5332F-D-GM2	
Si5332F-D-GM3	
Si5332G-D-GM1	
Si5332G-D-GM2	

Si5332G-D-GM3

Si5332H-D-GM1 Si5332H-D-GM2 Si5332H-D-GM3 Si5332ADxxxxx-GM1 Si5332ADxxxxx-GM2 Si5332ADxxxxx-GM3 Si5332BDxxxxx-GM1 Si5332BDxxxxx-GM2 Si5332BDxxxxx-GM3 si5332CDxxxxx-GM1 Si5332CDxxxxx-GM2 Si5332CDxxxxx-GM3 Si5332DDxxxxx-GM1 Si5332DDxxxxx-GM2 Si5332DDxxxxx-GM3 Si5332ExxxxxD-GM1 Si5332ExxxxxD-GM2 Si5332ExxxxxD-GM3 Si5332FxxxxxD-GM1 Si5332FxxxxxD-GM2 Si5332FxxxxxD-GM3 Si5332GxxxxxD-GM1 Si5332GxxxxxD-GM2 Si5332GxxxxxD-GM3 Si5332HxxxxxD-GM1 Si5332HxxxxxD-GM2 Si5332HxxxxxD-GM3

**Last Date of Unchanged Product:** 6/25/2019

### **Qualification Samples**

N/A

#### **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 <a href="http://www.silabs.com">http://www.silabs.com</a>.

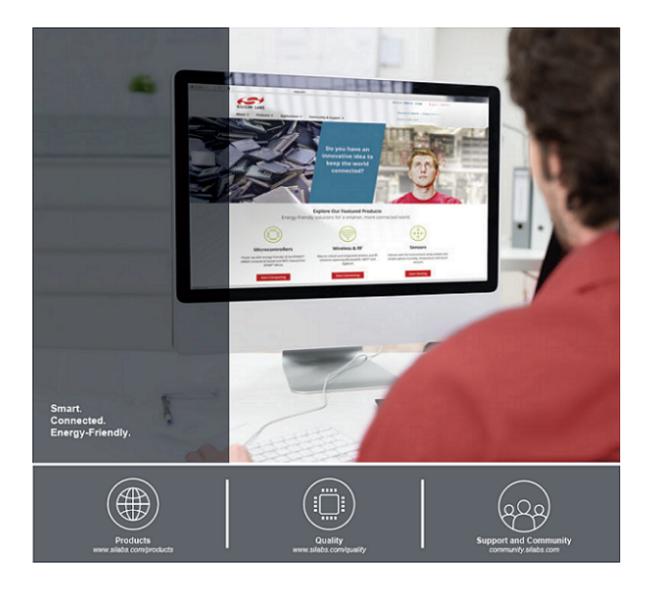
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### **Qualification Data**

N/A



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