



181030413 Si721x Datasheet Revision

Bulletin Issue Date: 10/30/2018

Effective Date: 10/30/2018

Description of Change

Silicon Labs is pleased to announce the release of version 1.1 of the Si721x Datasheet. This release corresponds to the addition of the TO92 package for the Si7211 and the SOT23-5 package for the Si7217.

The changes are as follows:

Updated the front page feature list to include the 5 pin SOT23 and TO92 packages

Updated the front page device description to include the 5 pin SOT23 and TO92 packages

Clarified on the front page that AEC-Q100 is only for SOT23 packages

Removed VDD range from output options as it's clearly listed in the specification tables

Updated the figure on the front page to include Si7217

Added Si7217 to the Power Supply specification in Table 1.1

Added Si7217 to the current consumption specifications in Table 1.2

Added disable mode current consumption specification in table 1.2 for Si7217

Added Si7217 to Table 1.3

Added Si7217 to Table 1.7

Added Si7217 to Table 2.1

Corrected Title of Figure 6.1 to Si721x Pin Assignments

Corrected the note under Figure 1 for listing OPNs and packages

Corrected title of Table 6.1 to list the correct Si721x parts available in a SOT23-3 package

Corrected title of Table 6.2 to list the correct Si7217 part that is available in a SOT23-5 package

Added the 2.25-5.5 Vdd range in Table 6.1 to pin 1 to cover the Si7217 and Si7211 parts

Corrected Vdd range in Table 6.2 of Pin 4 from 1.71-5.5 to 2.25-5.5

Updated Section 5 SENT Output to correct erroneous mentions to other parts in the family that do not support SENT output

Updated revision history for 1.1 release

Reason for Change

Release of TO92 and SOT23-5 packages for the Si721x family.

Product Identification

SI7211-A-01-EV
SI7211-A-01-EVR
SI7211-B-00-IB
SI7211-B-00-IBR
SI7211-B-00-IV
SI7211-B-00-IVR
SI7211-B-01-IM
SI7211-B-01-IMR
SI7212-B-00-IV
SI7212-B-00-IVR
SI7213-B-00-IV
SI7213-B-00-IVR
SI7214-B-00-IV
SI7214-B-00-IVR
SI7215-B-00-IV
SI7215-B-00-IVR
SI7216-B-00-IV
SI7216-B-00-IVR
SI7217-B-01-IV
SI7217-B-01-IVR

This change is considered a minor change which does not affect form, fit, function, quality, or reliability. The information is being provided as a customer courtesy.

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Silicon Laboratories Inc.
400 West Cesar Chavez
Austin, TX 78701

<http://www.silabs.com>