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**SPC582Bx IO definition: signal description and input multiplexing tables**

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**Overview**

This document applies to SPC582Bx devices in accordance with [Table 1](#).

The IO definition is contained in a Microsoft Excel<sup>®</sup> workbook file attached to this document. Locate the paperclip symbol on the left side of the PDF window, and click it. Double-click on the Excel file to open it.

This file includes the following information:

- Package pinouts
- Pin descriptions
  - Power supply and reference voltage pins
  - System pins
  - LVDS pins
  - Functional pins and associated alternate functions

The table below lists all part numbers available in the SPC582Bx family:

**Table 1. Device summary**

Package	Part number		
	1 MB	768 KB	512 KB
eTQFP64	SPC582B60E1	SPC582B54E1	SPC582B50E1
eTQFP100	SPC582B60E3	SPC582B54E3	SPC582B50E3
QFN48	SPC582B60Q3	SPC582B54Q3	SPC582B50Q3

## Revision history

**Table 2. Document revision history**

Date	Revision	Changes
22-Jan-2018	1	<p>Initial release based on device pinout Microsoft Excel® file v1.3.            Changes compared to the pinout Microsoft Excel® file v1.0 attached to the device Datasheet Rev2:</p> <ul style="list-style-type: none"> <li>– Removed QFN32 package</li> <li>– Added QFN48 package</li> <li>– Updated Datasheet names for power supply segments</li> <li>– Removed label "Preliminary" from Title worksheet</li> <li>– Added alternate function table (replacing Pad table)</li> <li>– Ordered supplies in Supply Pins worksheet</li> <li>– Added some footnotes</li> <li>– Re-styling of package sheets with additional information</li> </ul>
19-Apr-2018	2	<p><i>Table 1: Device summary:</i> sorted columns in 512 KB/ 768 KB / 1 MB order.            Removed note related to QFN48 package.            This release is based on the attached pinout Microsoft Excel® file v1.6. Changes compared to the pinout Microsoft Excel® file attached to Rev1 are the following:</p> <ul style="list-style-type: none"> <li>– Corrected CAN enumeration format</li> <li>– Updated Supplies worksheet (removed supply rail column and direction columns)</li> </ul>
09-Nov-2020	3	<p><i>Table 1: Device summary:</i>            Added QFN48 package information            This release is based on the attached pinout Microsoft Excel® file v3. Change compared to the pinout Microsoft Excel® file attached to Rev2 is the following:</p> <ul style="list-style-type: none"> <li>– Added QFN48 package</li> </ul>

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