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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® 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

## Revision history

**Table 2. Document revision history**

Date	Revision	Changes
22-Jan-2018	1	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: – Removed QFN32 package – Added QFN48 package – Updated Datasheet names for power supply segments – Removed label "Preliminary" from Title worksheet – Added alternate function table (replacing Pad table) – Ordered supplies in Supply Pins worksheet – Added some footnotes – Re-styling of package sheets with additional information
19-Apr-2018	2	Table 1: Device summary: 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: – Corrected CAN enumeration format – Updated Supplies worksheet (removed supply rail column and direction columns)
09-Nov-2020	3	Table 1: Device summary: 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: – Added QFN48 package
19-Feb-2024	4	<i>Table 1: Device summary:</i> Removed QFN48 package information This release is based on the attached pinout Microsoft®Excel® file v4. Change compared to the pinout Microsoft®Excel® file attached to Rev3 is the following: – Removed QFN48 package

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