
SPC582Bx IO definition: signal description and input multiplexing tables

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		
	512 KB	768 KB	1 MB
eTQFP64	SPC582B50E1	SPC582B54E1	SPC582B60E1
eTQFP100	SPC582B50E3	SPC582B54E3	SPC582B60E3

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"> – 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	<p>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:</p> <ul style="list-style-type: none"> – Corrected CAN enumeration format – Updated Supplies worksheet (removed supply rail column and direction columns)

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