
SPC584Bx IO definition: signal description and input multiplexing tables

Overview

This document applies to SPC584Bx 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 SPC584Bx family:

Table 1. Device summary

Package	Part number		
	1 MB	1.5 MB	2 MB
eTQFP64	SPC584B60E1	SPC584B64E1	SPC584B70E1
eTQFP100	SPC584B60E3	SPC584B64E3	SPC584B70E3
eTQFP144	SPC584B60E5	SPC584B64E5	SPC584B70E5
eLQFP176	SPC584B60E7	SPC584B64E7	SPC584B70E7

Revision history

Table 2. Document revision history

Date	Revision	Changes
30-Jan-2018	1	<p>Initial release based on device pinout Microsoft Excel® file v0.8 (new naming).</p> <p>Changes compared to the pinout Microsoft Excel® file v2 attached to the device Datasheet Rev2:</p> <ul style="list-style-type: none"> – Added information about pad characteristics – 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
13-Apr-2018	2	<p>This release is based on the attached pinout Microsoft Excel® file v1.0. 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) – Adjusted Ethernet function names
25-Feb-2019	3	<p>This release is based on the attached pinout Microsoft Excel® file v1.2. Changes compared to the pinout Microsoft Excel® file attached to Rev2 are the following:</p> <ul style="list-style-type: none"> – Corrected Low Power status of port pin PD[8] – Corrected CAN indexing
21-Mar-2019	4	<p>This release is based on the attached pinout Microsoft Excel® file v4. No changes compared to the pinout Microsoft Excel® file v1.2 attached to Rev3.</p> <p>This release is delivered in order to correct the changes list of Rev3 because there is no difference for CAN indexing between pinout Microsoft Excel® file v1.2 attached to Rev3 and the pinout Microsoft Excel® file v1.0 attached to Rev2.</p>

IMPORTANT NOTICE – PLEASE READ CAREFULLY

STMicroelectronics NV and its subsidiaries (“ST”) reserve the right to make changes, corrections, enhancements, modifications, and improvements to ST products and/or to this document at any time without notice. Purchasers should obtain the latest relevant information on ST products before placing orders. ST products are sold pursuant to ST’s terms and conditions of sale in place at the time of order acknowledgement.

Purchasers are solely responsible for the choice, selection, and use of ST products and ST assumes no liability for application assistance or the design of Purchasers’ products.

No license, express or implied, to any intellectual property right is granted by ST herein.

Resale of ST products with provisions different from the information set forth herein shall void any warranty granted by ST for such product.

ST and the ST logo are trademarks of ST. For additional information about ST trademarks, please refer to www.st.com/trademarks. All other product or service names are the property of their respective owners.

Information in this document supersedes and replaces information previously supplied in any prior versions of this document.

© 2019 STMicroelectronics – All rights reserved