

Board limitations

Board identification

This errata sheet applies to certain STMicroelectronics X-NUCLEO-53L8A1 expansion boards, which are marked on the front with the FG X\$NUCLEO-53L8A1A, as indicated below.

Table 1. Board summary

Part number	Device info
X-NUCLEO-53L8A1	Time-of-Flight expansion board based on the VL53L8 series for STM32 Nucleo

Figure 1. X-NUCLEO-53L8A1 expansion board - front

The marking is indicated by the red rectangle



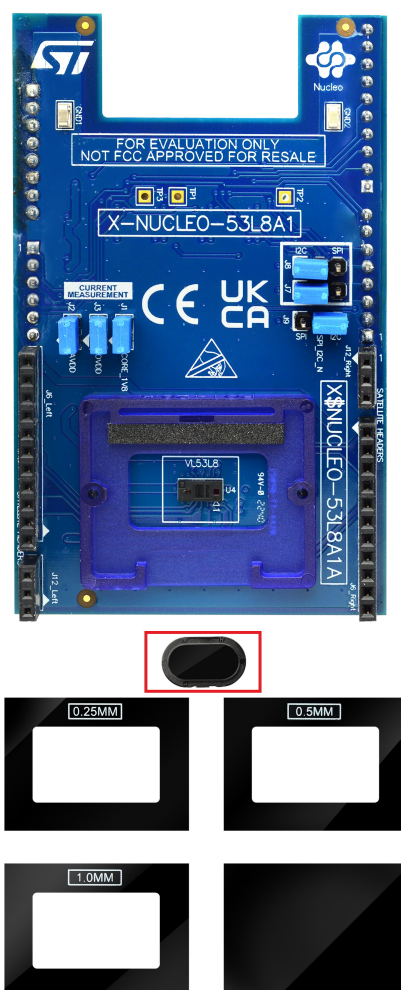
1 Limitation

1.1 Cover glass

- Part number affected
 - Boards identified by the FG X\$NUCLEO-53L8A1A
- Description
 - The oval cover glass included in the blister is not designed for the on board Time of Flight sensor.
- Workaround
 - Do not use the included oval cover glass.

Figure 2. Oval cover glass included in the identified expansion boards blister

The marking is indicated by the red rectangle



Revision history

Table 2. Document revision history

Date	Version	Changes
08-May-2023	1	Initial release.
22-Jan-2024	2	Modified title in Section 1.1: Cover glass , from "Frame holes tolerance" to "Cover glass".

IMPORTANT NOTICE – 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 acknowledgment.

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, 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.

© 2024 STMicroelectronics – All rights reserved