

Board limitations

Board identification

This errata sheet applies to certain STMicroelectronics X-NUCLEO-53L7A1 expansion boards, which are marked on the front with the FG X\$NUCLEO-53L7A1A, as indicated below.

Table 1. Board summary

Part number	Device info
X-NUCLEO-53L7A1	Time-of-Flight 8x8 multizone ranging sensor with 90 degrees FoV expansion board based on the VL53L7CX for STM32 Nucleo

Figure 1. X-NUCLEO-53L7A1 expansion board - front

The marking is indicated by the red rectangle



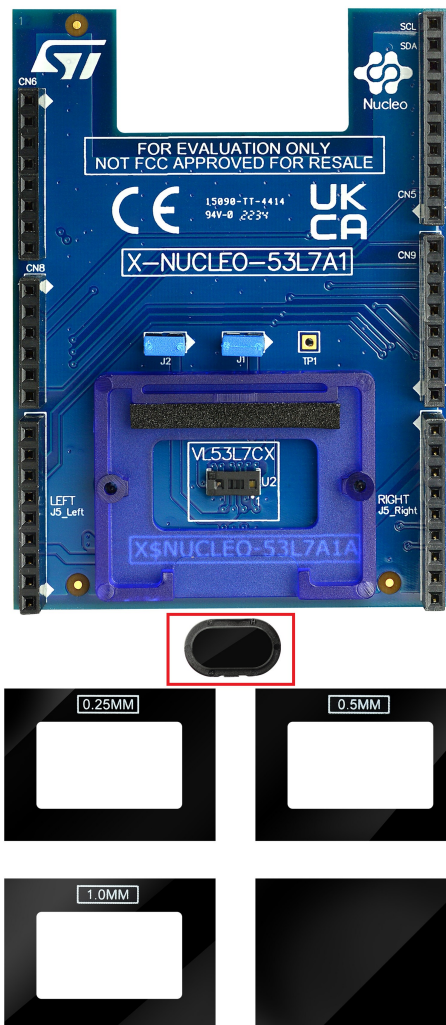
1 Limitation

1.1 Cover glass

- Part number affected
 - Boards identified by the FG X\$NUCLEO-53L7A1A
- 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
12-May-2023	1	Initial release.
22-Jan-2024	2	Modified title in Section 1.1: Cover glass , from "Frame holes tolerance" to "Cover glass".

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