

Agrate Brianza (MB), Italy, March 15, 2023/ *Agrate Brianza (MB), 15 marzo 2023*

EU DECLARATION OF CONFORMITY
DICHIARAZIONE DI CONFORMITÀ UE

We,
Noi,

Manufacturer / *Fabbricante:* STMICROELECTRONICS srl
Address / *Indirizzo:* Via Camillo Olivetti 2
20864 Agrate Brianza (MB), Italy

declare under our sole responsibility that the equipment
dichiariamo sotto la nostra unica responsabilità che l'apparecchiatura

Object of the Declaration:
(Identification of the radio equipment)
Oggetto della Dichiarazione:
(identificazione dell'apparecchiatura radio)

Time-of-Flight 8x8 multizone ranging sensor with wide field of view and long-range performance expansion board based on VL53L8 for STM32 Nucleo (X-NUCLEO-53L8A1) with optional VL53L8 breakout board (SATEL-VL53L8).

Type/Model:
Tipo/Modello:

X-NUCLEO-53L8A1 (with optional SATEL-VL53L8).

Variants:
Varianti:

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Intended use:
Impiego previsto:

The X-NUCLEO-53L8A1 is an expansion board for any STM32 Nucleo board equipped with the Arduino R3 connectors. It provides a complete evaluation kit that allows you to learn, evaluate, and develop applications using a VL53L8 series Time-of-Flight sensor. The SATEL-VL53L8 package includes two breakout boards, which can be easily integrated into the customer's devices.

is in conformity with the essential requirements of the Directive 2014/30/EU (EMC) and of the Directive 2015/863/EU (RoHS).

è conforme ai requisiti essenziali della Direttiva 2014/30/UE (EMC) e della Direttiva 2015/863/UE (RoHS).

The product has been tested according to the following standards or technical specifications:
Il prodotto è stato testato in base alle seguenti norme o specifiche tecniche:

1. Directive 2014/30/EU, Annex I, point 1, letter (a): Emissions
Allegato I, punto 1, lettera (a): Emissioni
 - EN 55032:2015 +AC:2016 +A1:2020
 - EN IEC 61000-6-3:2021

2. Directive 2014/30/EU, Annex I, point 1, letter (b): Immunity
Allegato I, punto 1, lettera (b): Immunità
 - EN 55035:2017 +A11:2020
 - EN IEC 61000-6-1:2019

3. Requirements of Directive 2015/863/EU (RoHS III), towards the maximum tolerated concentrations of the substances listed in Annex II:
Requisiti della Direttiva 2015/863/UE (RoHS III), nei confronti delle concentrazioni massime tollerate delle sostanze elencate nell'Allegato II:
 - EN IEC 63000:2018

Signature:
Firma:



Massimo Mancuso

System Research and Applications Marketing, Operations & QMS Director