

CERTIFICATE OF COMPLIANCE

Certificate Number 20190927-E480533
Report Reference E480533-20151218
Issue Date 2019-SEPTEMBER-27

Issued to: STMICROELECTRONICS SRL
STRADALE PRIMOSOLE,
50, 95121 CATANIA, ITALY.

**This certificate confirms that
representative samples of**

Safety-related Programmable Components and Software
for Automatic Electrical Controls - Component
See addendum page for models

Have been investigated by UL in accordance with the
component requirements in the Standard(s) indicated on
this Certificate. UL Recognized components are incomplete
in certain constructional features or restricted in
performance capabilities and are intended for installation in
complete equipment submitted for investigation to UL LLC.


Standard(s) for Safety:
Additional Information:

See Addendum Page for Standards.
See the UL Online Certifications Directory at
<https://iq.ulprospector.com> for additional information.

This *Certificate of Compliance* does not provide authorization to apply the UL Recognized Component Mark. Only the UL Follow-Up Services Procedure provides authorization to apply the UL Mark.

Only those products bearing the UL Recognized Component Mark should be considered as being UL Certified and covered under UL's Follow-Up Services.

Look for the UL Recognized Component Mark on the product.



Bruce Mahrenholz, Director North American Certification Program
UL LLC

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This is to certify that representative samples of the product as specified on this certificate were tested according to the current UL requirements.

Standard(s) for Safety:

Annex H.11.12 of IEC 60730-1, Automatic Electrical Controls for Household and Similar Use, Part 1: General Requirements, Fourth Edition, dated 2010-03 (#)

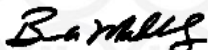
- Annex H.11.12 of IEC 60730-1, Automatic Electrical Controls for Household and Similar Use, Part 1: General Requirements, Fifth Edition, dated 2013-11 (#)
- Annex H.11.12 of EN 60730-1:2011, Automatic Electrical Controls for Household and Similar Use, Part 1: General Requirements (#)
- Annex H.11.12 of ANSI/UL 60730-1, Automatic Electrical Controls for Household and Similar Use, Part 1: General Requirements, Fourth Edition, dated 2014-05-21
- Annex H.11.12 of CSA CAN/CSA E60730-1:13, Automatic Electrical Controls for Household and Similar Use, Part 1: General Requirements, Fourth Edition, dated 2013-03-01
- Annex R of IEC 60335-1, Household and Similar Electrical Appliances, Part 1: General Requirements, Edition 5.1, dated December 2013 (#)
- ANSI/UL 60335-1, Safety of Household and Similar Electrical Appliances, Fifth Edition, dated October 31, 2011
- CAN/CSA-E60335-1:2011, Safety of Household and Similar Electrical Appliances, Fifth Edition, dated August 2011
- ANSI/UL 1998, Software in Programmable Components, Third Edition, dated December 18, 2013 (#)

(#) - Note, these standards are not within the scope of XAAZ2/8 but were additionally considered.

Models

Software modules and Software libraries intended to be embedded in microcontroller STM32 family. Microcontroller family members are:

STM32L0, STM32L1, STM32L4, STM32F0, STM32F1, STM32F2, STM32F3, STM32F4, STM32F7, STM32G0, STM32G4, STM32H7, STM32WB



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