ESP32 Rainbow Declaration of Conformity

Product and Manufacturer Information

Field	Details
Product	ESP32 Rainbow
Model Number	ESP32-RAINBOW-01
Product Description	Compact retro-style computing device with ESP32-S3 MCU, USB-C power, LCD display, built-in speaker, and microSD storage.
Contact Email	chris@cmgresearch.com
Manufacturer	CMG Research Ltd (atomic14), Flat 3, 23 Simpson Loan, Edinburgh, EH3 9GD

This declaration of conformity is issued under the sole responsibility of the manufacturer.

The product described above is in conformity with the relevant **Union harmonisation legislation** and **UK statutory instruments**:

Applicable Directives

CE Marking (EU):

- EMC Directive 2014/30/EU

- RoHS Directive 2011/65/EU (as amended by 2015/863/EU)

UKCA Marking (UK):

- Electromagnetic Compatibility Regulations 2016

- Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment Regulations 2012

Standards Applied

The following harmonised standards (EN) and designated standards (BS EN) have been applied:

- **EN 55032:2015+A11:2020** – Electromagnetic compatibility of multimedia equipment

- **EN 55035:2017+A11:2020** – Immunity requirements for multimedia equipment

- **EN IEC 61000-3-2:2019** – Harmonic current emissions

- **EN IEC 61000-3-3:2013+A1:2019** – Voltage fluctuations and flicker

- **EN IEC 63000:2018** – Technical documentation for RoHS

Signed for and on behalf of:
CMG Research Ltd

Place of Issue: Edinburgh, United Kingdom
Date of Issue: 2025-05-01

Name: Chris Greening
Signature: