Special Issue

Open-Source Electronics Platforms: Development and Applications

Message from the Guest Editor

Open-source electronics platforms are becoming popular in our daily activities. Arduino- and Raspberry-compatible modules have been applied for a wide range of applications from do-it-yourself to industrial projects. Using open-source electronics platforms as educational tools for teaching engineering and science at universities is undeniable. Influences of open-source electronics platforms in technological renovations and social impacts have been well recognized. This Special Issue aims to gather recent development and applications of open-source electronics platforms. We invite all papers with novel contributions in principles, development and applications of open-source electronics platforms with but not limited to the following topics:

- Current state of the art of open-source electronics platforms
- Principles and development of open-source electronics platforms
- Software frameworks and operating systems for open-source electronics platforms
- Using open-source electronics platforms to develop modern information systems including IoT, cyber-physical systems, sensor networks, automation, and robotics.
- Usability of open-source electronics platforms in research and education

Guest Editor

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About the Journal

Message from the Editor-in-Chief

Electronics is a multidisciplinary journal designed to appeal to a diverse audience of research scientists, practitioners, and developers in academia and industry. The journal is devoted to fast publication of latest technological breakthroughs, cutting-edge developments, and timely reviews of current and emerging technologies related to the broad field of electronics. Experimental and theoretical results are published as regular peer-reviewed articles or as articles within Special Issues guest-edited by leading experts in selected topics of interest.

Editor-in-Chief

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