

Study of the Effectiveness of the Use of a Mobile Microprocessor in Robotics

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Abstract: The article gives an overview of the current state of robotics and assesses the potential effectiveness of using a mobile microprocessor in robotics. Any publications on this topic quickly become obsolete, as a result of which relatively few scientific reviews and publications are written on this topic, the main information is on the network, where updates are not every week or month, but almost every hour. At the same time, there are fake publications, it is difficult for a specialist, especially a student, to distinguish reliable knowledge from fake. In addition, on the Internet there is a reproduction of identical texts, especially on portals that are created for commercial purposes for unscrupulous students, graduate students and even researchers and teachers. These portals offer reviews on a relevant topic, which are often themselves made from other reviews using the “glue and scissors” method, or what is now called “copy-paste”. This review does not pretend to be original, but it was not written using the “glue and scissors” method, but by studying current information, analyzing it and writing on its basis its own text with its own opinions and conclusions, although this still remains a review, that is, in This article does not solve a new scientific problem and does not describe the unique results of experiments or scientific research by the author. This publication is of educational importance, it is addressed to undergraduate and postgraduate students with the aim of a more substantive professional orientation in the field of robotics and microprocessor technology.

Key words: Robotics, automation, control systems, microprocessors, microcontrollers, regulators

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