

Design Of An Arduino Shield For New Generation Microcontroller Training

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Abstract : This paper presents the design of a dedicated board for learning and programming with ATMEL AVR new generation micro controller's family. This board designed as a "shield" for the Arduino Uno allows us to focus on the design and programming of basic micro controller functionalities in high level language with a considerable time saving because of dealing with additional components is not required.

Keywords : Arduino, microcontroller, programming, language

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