

ABSTRACT

Name of institution: De La Salle University – Dasmariñas

Title: MCU BASED PROGRAMMABLE AC SOCKET

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Engineering

This paper presents the adaptation and design of a socket capable of turning off appliances automatically. It is entitled "**MCU BASED PROGRAMMABLE AC SOCKET**". The study is a prototype that automatically turns off an appliance at desired time, depending on the input time of the user. This paper shall cover the process of development, its features, its limitations and capabilities. However, it does not include a thorough explanation on the theory and design, rather more on application and modification of already working models.