Annotation

The aim of this thesis is to explore the possibilities of digital thermal transducer DS18S20. To explore the possibilities of digital thermal transducer were used programs such as simulation and Proteus professional programming environment Bascom-AVR. As well as using the Sprint Layout and programming Chip Prog-2 sold this device. And also carded economic efficiency and investment finance. In addition, the analysis of catch and labor jobs. In semi-natural and workplace lighting calculations are made.