

ABSTRACT

Telecommunication Engineering there are two types of transmission media, namely wireline and wireless. Examples of wireless developments on the daily life of the Remote Control. Remote Control is a cordless tool that is used to control appliances remotely, such as on television, pagers, remote shutter release on a digital SLR camera and others. Basically the system uses Infrared Remote Control. To process the infrared waves into a transmission medium, the microcontroller is needed. The shutter release system tool wear ATtiny2313 microcontroller. This tool gets supply from a DC voltage of 3V CR2032 lithium battery. Of the test as a whole, the technique 5 is the conclusion of this thesis tool manufacture is by using an infrared remote control so that the resulting image is very accurate or focus.

Keywords: Wireless, Infrared, ATtiny2313 microcontroller, IR LED, and a CR2032 battery.