

ABSTRACTION

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Automatic Palang Pintu Kereta Api Berbasis Mikrokontroler ATMEGA 8535

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dan Sensor Photo dioda

(XI + 54 + 6 Attachment)

We often use trains every day as a means of land transportation, there are many risks that can occur in this land transportation such as railroad doors, railroad tracks and many others. This railroad crossing has many risks in its application, such as the wrong use of time so that many accidents occur at this railroad crossing. "Automatic Railroad Crossbar Based on ATMEGA 8535 Microcontroller" is a security system tool at railroad crossings, this tool uses a sensor in the form of a photo diode as the main sensor that provides a signal to drive the electric motor on the railroad crossing. With a security system such as This is specifically to reduce the risk of traffic accidents at railroad crossings

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