

## **ABSTRAC**

*Optimalitation and efficiency of Production process in manufaktur represent factor which of vital importance, especially to yield goods which with quality with timely production process suit fancy consumer or buyer. Therefore be needed by an effort for implementation of through use of device of communications system which can give information quickly in overcoming problems manufacturing.*

*In this final task will be made a system andon owning ability in activity monitoring produce by giving information in the form of alert marked with blazing of LED panel, the sound of system of audio and appearance of damage information at PC. Others the system also able to give information about activity which consisted of by a goals produce, downtime machine and downtime process.*

*This system consisted of box mikrokontroler, with AT89S52 as added especial component of other supporter component, LED panel which used as prototype in field, and also be displayed and audio at PC. Mikrocontroller programing use assembly language, and also to be displayed in PC use visual basic.*

*Key words : andon system, mikrocontroller AT89S52, downtime machine and process*