

## **Abstrak**

*Box baby or called as also baby crate is a functioning medical supporter device as non normal baby bed premature baby. Function of than box this baby is as baby bed, and condition of that physical of baby remain to be healthy optimal and looked after. At box temperature monitoring baby can in box baby and knows state of baby when baby weeps, bed wetting.*

*At device box baby sebelumnya its(the function simple still also only as bed only, so that if baby weep, pass water while asleep, difficult to sleep , haves no soon is known.*

*To can know if baby to experience the trouble hence writer designs device with title " Scheme of Box Bayi Dengan Deteksi Dini Berbasis Mikrokontroller AT 89S51"how work from this device that is use temperature censor, temperature censor applied at this device that is LM 35 working state monitoring of temperature in space box baby.*

*To test accuration of device and knows temperature value Langkah done by writer is by doing gauging of data and module assaying. At gauging of writer data applies temperature censor circuit and bed wetting censor which disetting based on its(the requirement is then if settingan is reached [by] hence indicator to work. While for assaying of writer module does gauging about precision between settingan with indicator working.*

*Result of gauging of device show that at temperature 22oC has errors 187% , at temperature 26oC has errors 1,54%, and at temperature 27oC has errors 1,48%.*

**Keywords: Monitoring Suhu**