

## **ABSTRACT**

*Baby cuve are one of medial device that a place for newly baby born. But the babys condition not always nirmal, on of the condition is hypotermia. A hypotermias baby is a baby with the baby temperature under normal. There are temperature normal baby is 36,5-37,5 oC. Considering the author, that baby cuve must be increased the fungtion for that efectivity theurapy process to the newly baby born under normal, for example with adding classic music. The othe meaning of classical music ia all of music with nicely high intelectual from all age, whether it be symphoni from Mozart, kantata Bach or the other 20's age work.*

*This Baby Cuve completed with BPM as counting heart beat and the classic music to calm the baby. Using ATmega 8535 to controlling sistem and seven segment to display.*

*After making the measurement process, the temperature error value obtained 33 ° C error of 2.18%, 34 ° C error of 2.47%, 35 ° C error of 1.02%, 45dB error of 6.22%.*

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*Kata Kunci: Baby Cuve, BPM, Error, Music.*