ABSTRACK

Babies are sensitive creatures and also fragile . Baby's heart rate is different than a child and the parents , the baby's heart rate tended to be faster . because the need for blood supply is higher than adults .To meet the adequacy of the blood supply that much more , therefore the heart has to beat faster .

BPM is a pulse that is calculated every minute . In this case the pulse can be calculated from the big toe where the baby will be captured finger sensor . Disorder where abnormal pulse or less or exceed the limit desebut and Tachycardia bradycardia . Bradycardia is a condition in which the pulse rate is less than the normal value and Tachycardia is a condition in which the normal value exceeds the pulse .

Fetching data pulse for 1 minute , and easy to determine the number of heartbeats in one minute . To sum pulse differs depending baby age classifications . Therefore it is a tool Bpm made baby and Tachycardia bradycardia With Finger Sensor -Based Microcontroller AT89S51.

Keywords: Baby, BPM, Bradycardia, Tachycardia.