

Abstract Submitted
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Precision External Timer ADAM KINGSLEY, DALLIN DURFEE,
Brigham Young University — In the construction of various sensors in the lab,
highly accurate integration times are required. It is advantageous to have a precise
external timer to run the circuitry contained in the sensor. By taking a signal in
the range of megahertz down to hertz or milihertz range, it is possible to control the
start and stop times for circuits. Overall this means that every time a measurement
is taken it represents the same length of time.

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