ECEN-5833

Low Power Embedded Design Techniques

LTSpice & TI Workbench Assignment

*Devang Boradhara*

Index

[Performance Tracker 3](#_Toc145182779)

[Why this? 3](#_Toc145182780)

[Block Diagram 4](#_Toc145182781)

[Microprocessor and Sensor Selection 4](#_Toc145182782)

[EFR32 Blue Gecko 4](#_Toc145182783)

[Heart Rate & Pulse Oximeter Sensor, *MAX30102* 5](#_Toc145182784)

[Accelerometer, LIS3DH Triple-Axis 5](#_Toc145182785)

[GPS Module, GPS NEO-6M 5](#_Toc145182786)

[Product Features 6](#_Toc145182787)

[References 7](#_Toc145182788)