1. **What is the lowest energy mode that the Blue Gecko will operate in while sampling the Joy Stick input?**

EM3

* 1. **What is the average current when the LED0 is off and the Blue Gecko is sampling the Joy Stick input?**

336.25uA

* 1. **What is the average current for one complete LETIMER0 period?**

553.71uA

* 1. **After resetting the Energy Profiler measurement values, what is the Energy Score after 60 seconds?**

3.4

1. **After pressing the Joy Stick away (north), what is the average current when LED0 is off and the Blue Gecko is sampling the Joy Stick input?**

764.08uA

1. **After resetting the Energy Profiler measurement values, what is the Energy Score score?**

3.4

1. **Press the Joy Stick towards you (south), and then press it once to the right (east).**
2. **What is the average current when the LED0 is off and the Blue Gecko is sampling the Joy Stick input?**

335.64uA

1. **What is the average current for one complete LETIMER0 period?**

1.09mA

1. **After resetting the Energy Profiler measurement values, what is the Energy Score after 60 seconds?**

2.9mS

1. **What is the on-time of LED0 in mS?**

**700mS**

1. **Now press the Joy Stick to the left (west) once.**
2. **What is the average current when the LED0 is off and the Blue Gecko is sampling the Joy Stick input?**
3. **What is the average current for one complete LETIMER0 period?**
4. **After resetting the Energy Profiler measurement values, what is the Energy Score after 60 seconds?**
5. **What is the on-time of LED0 in mS?**