- source contained in fanny pack.

- This design focuses on prevent entanglement with other components of the VR experience.





| Reality Applications                            |  |
|---|--|
| D Strah   | EL   |
| vare  |  |
| <b>SD</b>                                       |  |
|   | Accen  |
| elatively fast creation of                      |  |
| ugin for VR integration<br>required significant |  |
| ded was invaluable)<br>ent than other engines   |  |
| nreal Engine 4)<br>nt as the GearVR that was    | 9  |
| Samsung smartphone<br>on-Commercial products    |  |
| a single project across<br>ogle drive project)  |  |
| Bie antie projecty                              |  |
| w Energy  |  |
| ripheral  |  |
| Unity App                                       |  |
| rvice: HapticFeedBack                           |  |
| otify: When Walking                             |  |
| otify: When Running                             |  |
| ead: Battery Level of Pi                        |  |
| ity app<br>ited when the player speed           |  |
| n and one for walk                              |  |
| R Sickness                                      | . <b>¥1</b>  |
| eloped with Best Practices                      | 5Vide<br>V1 = 5V<br>V2 = DV<br>TD = 0.8                            |
| events  | TR = 1n<br>TF = 1n<br>PW = 1<br>PER = D_D16                        |
| quency of acceleration                          |  |
| ne as the average person's                      |  |
|   |  |
| ks these rules to<br>for the purposes of this   | • Metry, Mark. "How to E   |
| of body and camera with                         | Dream, 20 Sept. 2017.<br>• Samit, Jay. "A Possible O               |
| ller<br>ter than that of a moving               | Feb. 2018<br>• Vestibular Disorders Ass<br>Association, Vestibular |
|   | <ul> <li>Unity Technologies</li> </ul>                             |



# ntuating VR Sickness

### Unity Build



## **Rumble Pack Circuit** Schematic



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