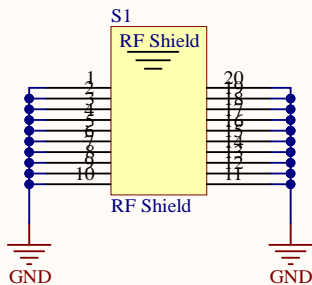
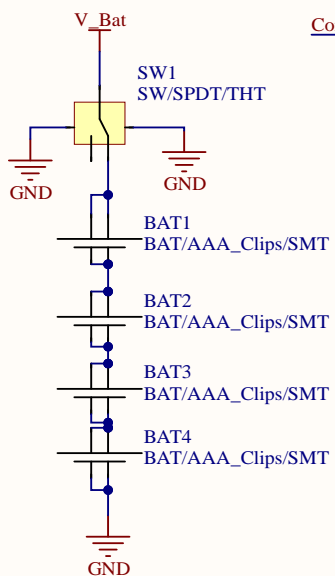
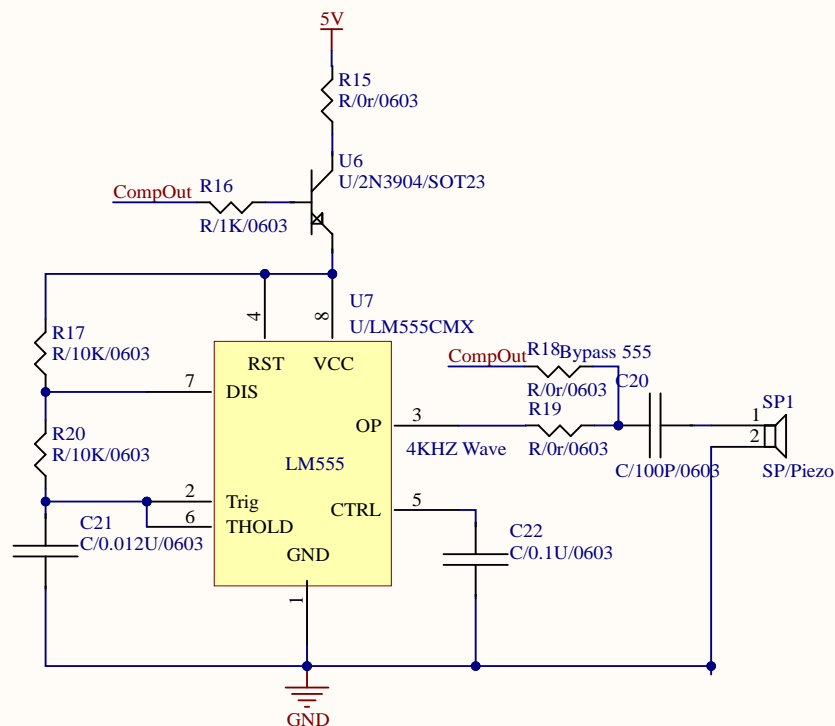
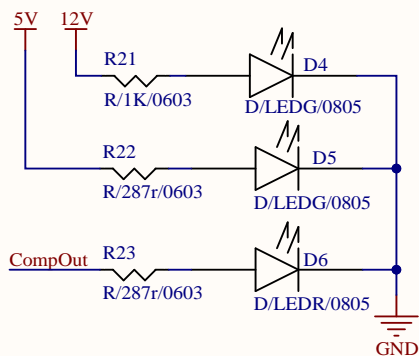
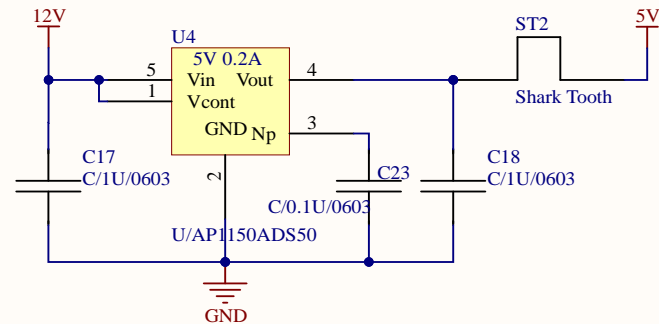
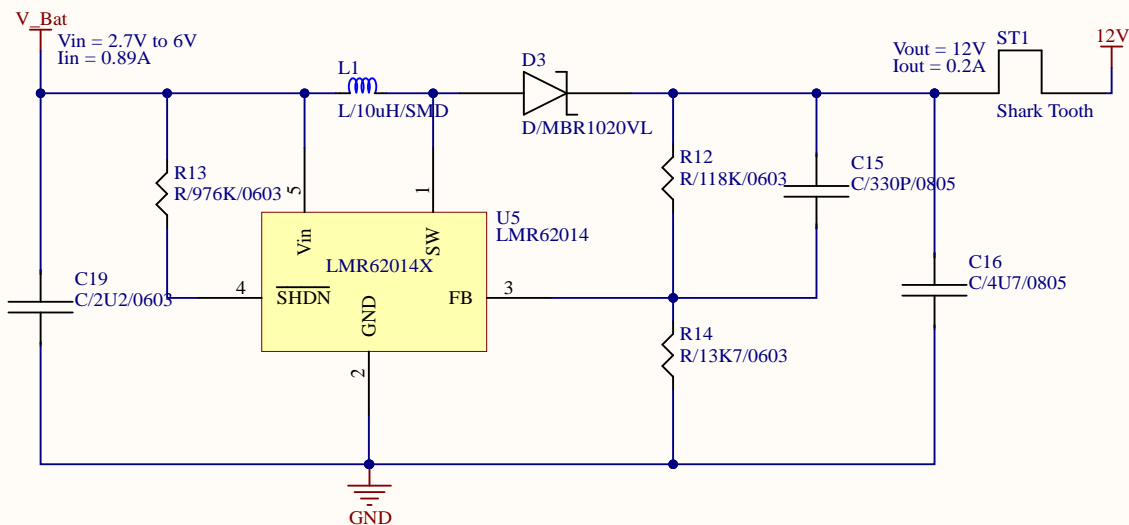


| | | |
|---|-----------|------------------|
| Title PIN Gamma Ray Detector | | |
| Size A | Number | Revision Rv.0 |
| Date: 2/06/2022 | Sheet of | |
| File: C:\github\...\PIN_Gamma.SchDoc | Drawn By: | |



High frequency switching regulators require very careful layout of components in order to get stable operation and low noise. All components must be as close as possible to the LMR62014 device. It is recommended that a 4-layer PCB be used so that internal ground planes are available

| Title | | |
|-------|--------------------------------------|-----------|
| Power | | |
| Size | Number | Revision |
| A | | A |
| Date: | 2/06/2022 | Sheet of |
| File: | C:\github\...\PIN_Gamma_Power.SchDoc | Drawn By: |

A

B

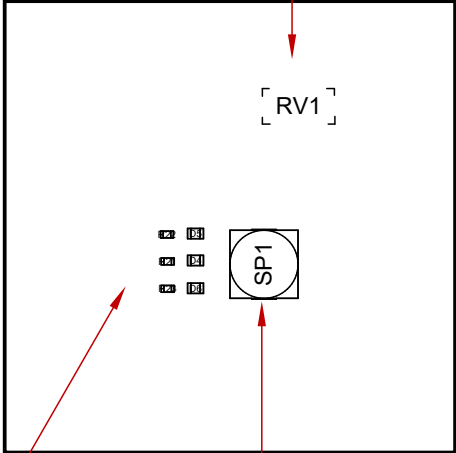
C

D

E

DETAIL A (Scale 2:1)

View from Top side (Scale 1:1)

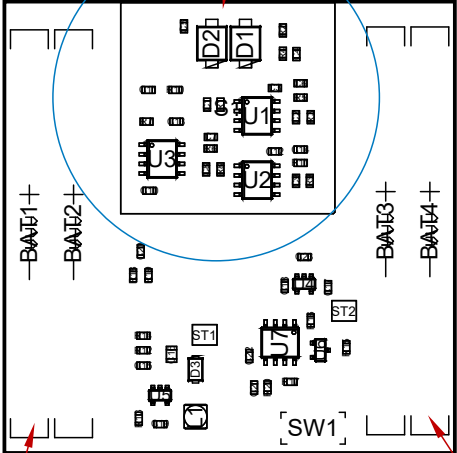


Power LEDs

Beeper

Trim pot to set trigger

View from Bottom side (Scale 1:1)

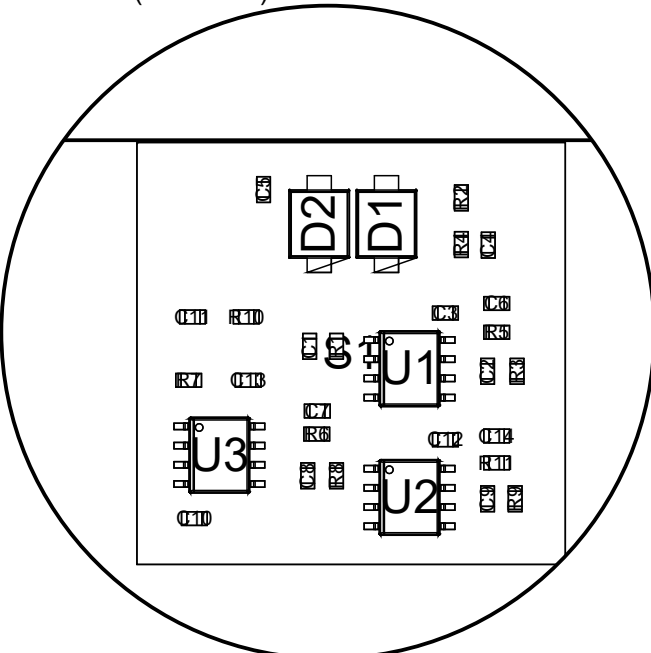


AAA Batteries

Power Switch

AAA Batteries

PIN Photo Diodes



RF Can should be installed