|  |  |  |  |
| --- | --- | --- | --- |
| Quantity | Component | Code | Order code |
| 4 | Schottky Diode | MBRS360T3G | 9556940 |
| 3 | 10pF Capacitor | 04025A100DAT2A | 1327626 |
| 1 | 10nF Capacitor | 04023C103KAT2A | 1327624 |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |

# Simple Rectifier Circuit

This Circuit Designed is based on the Circuit diagram of the rectifier proposed by Standford University Optoelectronics group. This circuit converts RF energy received from the implant coil to direct current for the LED. It is a two-stage voltage doubling circuit using Schottky diodes.