# **Cost Analysis**

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| --- | --- | --- | --- |
| Components | Unit | Unit Price ($) | Total Price |
| Mosfet (IPP200N15N3GXKSA1) | 2 | 2.263 | 4.526 |
| Diode (MBR10100G) | 2 | 0.66017 | 1.32034 |
| Inductor (PCV-2-184-10) | 1 | 4.54 | 4.54 |
| Octocoupler (MOCD207M) | 1 | 0.45974 | 0.45974 |
| Controller (LM5030) | 1 | 1.92 | 1.92 |
| Core (B66335G0000X187) | 2 | 3.03 | 6.06 |
| TL431 | 1 | 0.17 | 0.17 |
| Heatsink | 4 | 0.1 | 0.4 |
| Capacitors | - | - | 2 |
| Resistors | - | - | 0.1 |
| PCB | 1 | 1.5 | 1.5 |
| 3 D Box | 1 | 5 | 5 |
|  |  |  | 28 $ |