PE

List of items needed:

|  |  |  |  |
| --- | --- | --- | --- |
| **Item** | **Value** | **Current** | **Voltage** |
| Capacitor | 31.25 uf | - | 12v |
| Inductor | 3 mh | 2 A | - |
| Resistance | 7.2 Ω | 2A | 12 |
| MOSFET | - | 4 A | 24V |
| Voltage Source | 24 V |  |  |
| Diode | - | 4A | 24V |
| Multimeter |  |  |  |
|  |  |  |  |

D = 50 %

Switching Frequency (fsw ) = 20KHZ

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