

### Design Values

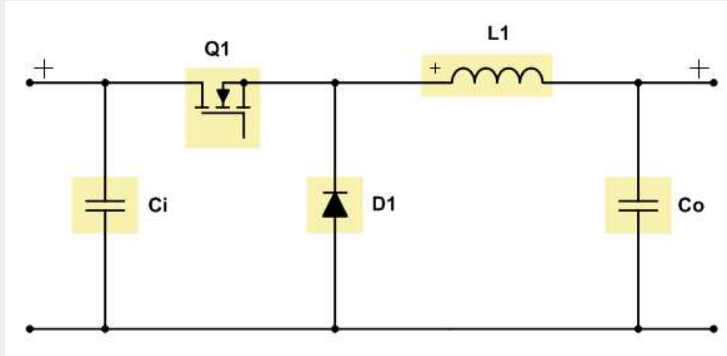
Minimum Input Voltage:  V  
Maximum Input Voltage:  V  
Output Voltage:  V  
Output Current:  A  
Switching Frequency:  kHz  
Diode Voltage Drop:  V  
Inductor Current Ripple:  %

### Recommended Value

Inductance: **148.91**  $\mu\text{H}$

### Choose Value

Inductance:   $\mu\text{H}$



### Calculated Values at Input Voltage: 12.00 V

Period:	19.23 $\mu\text{s}$	Input Power:	6.17 W	Input Current:	0.51 A
Duty Cycle:	30.26 %	Output Power:	5.61 W	Current Ripple:	0.34 A
On-Time:	5.82 $\mu\text{s}$	Diode Losses:	0.56 W		19.85 %
Off-Time:	13.41 $\mu\text{s}$				
Zero-Time:	0.00 $\mu\text{s}$				

Info

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