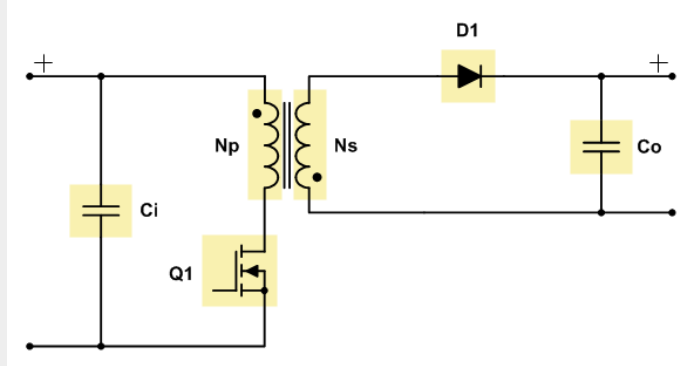


Design Values

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

- ☒ DiscontinuousConductionMode
☐ Boundary Mode
☐ ContinuousConductionMode
☐ Transition Mode



Recommended Values

Turns Ratio: **3.18** : 1
Inductance: **78.40** μ H

Choose Values

Turns Ratio: : 1
Inductance: μ H

Calculated Values at Input Voltage: 120.00 V

Switch. Freq.:	100.00 kHz	Input Power:	32.00 W	L_{sec} :	7.78 μ H
Period:	10.00 μ s	Output Power:	30.00 W	Input Current:	0.27 A
Duty Cycle:	17.64 %	Diode Losses:	2.00 W	Current Ripple:	3.02 A
On-Time:	1.76 μ s				200.00 %
Off-Time:	4.41 μ s				
Zero-Time:	3.83 μ s				
RHPZ:	590.23 kHz				

Info

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