

PFC INDUCTOR DESIGN FORM

| | |
|--|-------------------|
| Date: | Telephone Number: |
| Customer Name: | Fax Number: |
| Design Engineer: | E-mail Address: |
| Program/Project Name: | Type of Circuit: |
| Topology: <input type="checkbox"/> BOOST CCM <small>Continuous Conduction</small> <input type="checkbox"/> BOOST DCM <small>Discontinuous Conduction</small> <input type="checkbox"/> BOOST CrM <small>Critical Conduction</small> | |

Inputs:

| | |
|---------------------|-----------|
| Maximum Voltage | V_{RMS} |
| Minimum Voltage | V_{RMS} |
| Operating Frequency | kHz |
| Maximum Duty Factor | % |

| | |
|----------------|------------------|
| Line Frequency | $\leq f \leq$ Hz |
|----------------|------------------|



| | |
|------------------------|----|
| Inductance @ Full Load | μH |
|------------------------|----|

Outputs:

| | |
|-------------------|-----------|
| Output Voltage | V |
| Vout Tol. | % |
| Max. Current | A |
| Max. Ripple | A_{P-P} |
| Max. Peak Current | A |

| | |
|-----------|---|
| Min. Load | A |
| Max. Load | A |

| |
|---|
| Temperature Information: Max. Ambient __°C, Temperature Rise Above Ambient __°C |
| Maximum Desired Size: _____ (Length) x _____ (Width) x _____ (Height) |
| Minimum Efficiency: __% |

Notes: