### Worldwide Sales Offices

<table>
<thead>
<tr>
<th>Country/Region</th>
<th>Phone</th>
<th>Email</th>
</tr>
</thead>
<tbody>
<tr>
<td>Americas</td>
<td>+1-951-781-5500</td>
<td><a href="mailto:americus@bourns.com">americus@bourns.com</a></td>
</tr>
<tr>
<td>Brazil</td>
<td>+55 11 5505 0601</td>
<td><a href="mailto:americus@bourns.com">americus@bourns.com</a></td>
</tr>
<tr>
<td>China</td>
<td>+86 21 68421250</td>
<td><a href="mailto:asiacus@bourns.com">asiacus@bourns.com</a></td>
</tr>
<tr>
<td>EMEA</td>
<td>+36 88 885 877</td>
<td><a href="mailto:eurocus@bourns.com">eurocus@bourns.com</a></td>
</tr>
<tr>
<td>Japan</td>
<td>+81 49 269 3204</td>
<td><a href="mailto:asiacus@bourns.com">asiacus@bourns.com</a></td>
</tr>
<tr>
<td>Korea</td>
<td>+82 70 4030 7730</td>
<td><a href="mailto:asiacus@bourns.com">asiacus@bourns.com</a></td>
</tr>
<tr>
<td>Singapore</td>
<td>+65 6349 7277</td>
<td><a href="mailto:asiacus@bourns.com">asiacus@bourns.com</a></td>
</tr>
<tr>
<td>Taiwan</td>
<td>+886 2 25624117</td>
<td><a href="mailto:asiacus@bourns.com">asiacus@bourns.com</a></td>
</tr>
<tr>
<td>Other Asia-Pacific Countries</td>
<td>+886 2 25624117</td>
<td><a href="mailto:asiacus@bourns.com">asiacus@bourns.com</a></td>
</tr>
</tbody>
</table>

### Technical Assistance

<table>
<thead>
<tr>
<th>Region</th>
<th>Phone</th>
<th>Email</th>
</tr>
</thead>
<tbody>
<tr>
<td>Americas</td>
<td>+1-951-781-5500</td>
<td><a href="mailto:techweb@bourns.com">techweb@bourns.com</a></td>
</tr>
<tr>
<td>Asia-Pacific</td>
<td>+886 2 25624117</td>
<td><a href="mailto:techweb@bourns.com">techweb@bourns.com</a></td>
</tr>
<tr>
<td>EMEA</td>
<td>+36 88 885 877</td>
<td><a href="mailto:eurotech@bourns.com">eurotech@bourns.com</a></td>
</tr>
</tbody>
</table>

### Bourns KK

<table>
<thead>
<tr>
<th>Region</th>
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</thead>
<tbody>
<tr>
<td></td>
<td>+81 6 6319 2281</td>
<td><a href="mailto:techweb@bourns.com">techweb@bourns.com</a></td>
</tr>
</tbody>
</table>

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Power transformers and magnetic components are everywhere. Bourns offers a complete range of magnetics for high-frequency switching power supply applications. Used as discrete and embedded devices in AC/DC, DC/DC and DC/AC converters, the switching power magnetics product offering includes power inductors, power transformers, current sense magnetics, gate drive transformers and common mode chokes.

### Capabilities

**Designed to comply with, but not restricted to:**

- **Insulation Class:** B, F, H
- **Industry Standards:**
  - UL 508, EN 61558-1, EN 60950, EN 62368-1

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### Quality:

**VDA 6.3, Factory IATF Certified**

- High Frequency Power Topologies: Buck, Boost, SEPIC, CUK, Half and Full Bridge LLC, Push-pull, Forward, Flyback

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### Transformers

**for High Power (<7 kW)**
- For half bridge and full bridge LLC converters
- Working voltages up to 1000 V
- Reinforced isolation
- Ultra-low copper and core losses
- High frequency (3 MHz) cores

**for Medium Power (<1000 W)**
- For half bridge and full bridge converters
- Push-pull topologies for SELV (<60 V) applications
- Standard off-the-shelf and custom
- Ultra-low copper and core losses
- Highly efficient, low leakage

**for Low Power (<1 W)**
- Standard off-the-shelf and custom
- Reinforced isolation
- 400 V working voltages
- AEC-Q200 compliant

---

### Flyback Transformers

(<=250 W)
- Standard and custom
- For AC/DC and DC/DC applications
- Surface mount or through-hole
- High volume automated manufacturing
- AEC-Q200 compliant

---

### Flat Wire Inductors

(<=200 A)
- Standard and custom designs
- High frequency soft ferrite core
- Ultra-low AC and DC resistance
- AEC-Q200 compliant

---

### Planar Transformers

(<=1000 W)
- For half bridge and full bridge converters
- Push-pull topologies for SELV (<60 V) applications
- Standard off-the-shelf and custom
- Ultra-low copper and core losses
- Highly efficient, low leakage

### Push-pull Transformers

(<=1 W)
- Standard off-the-shelf and custom
- Reinforced isolation
- 400 V working voltages
- AEC-Q200 compliant

---

### Planar Transformers

(<=1000 W)
- For half bridge and full bridge converters
- Push-pull topologies for SELV (<60 V) applications
- Standard off-the-shelf and custom
- Ultra-low copper and core losses
- Highly efficient, low leakage

---

### Flyback Transformers

(<=250 W)
- Standard and custom
- For AC/DC and DC/DC applications
- Surface mount or through-hole
- High volume automated manufacturing
- AEC-Q200 compliant

---

### Flat Wire Inductors

(<=200 A)
- Standard and custom designs
- High frequency soft ferrite core
- Ultra-low AC and DC resistance
- AEC-Q200 compliant

---

### CMC and DMC Chokes

(<=50 A)
- UL listed materials
- High isolation
- Standard and custom
- Customized assemblies
- AEC-Q200 compliant

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### PFC Chokes

(<=50 A)
- High flux density powder iron toroid
- Standard and custom designs
- Customized assemblies
- AEC-Q200 compliant