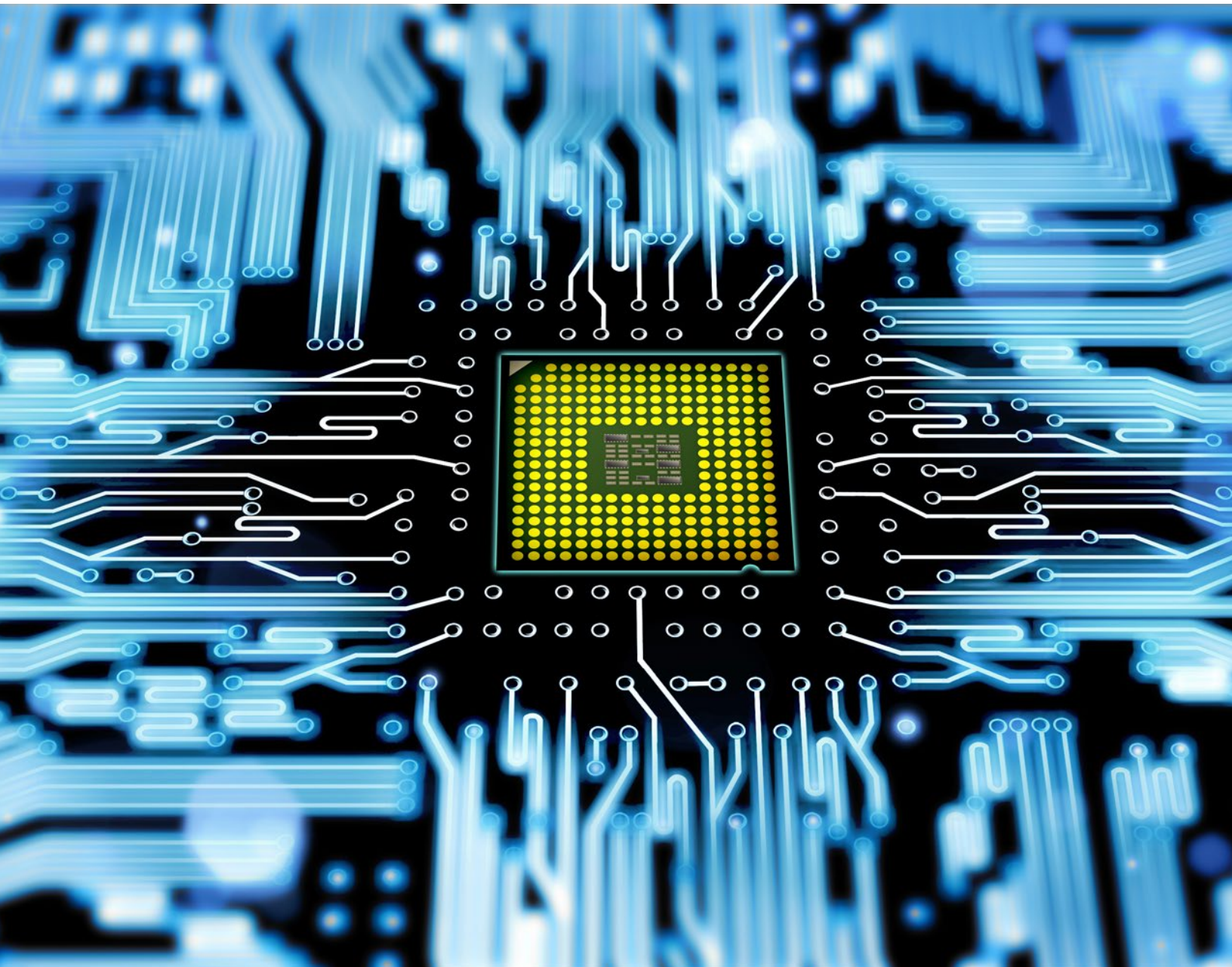


SPECIALTY ENGINEERING & MANUFACTURING SERVICES

IC Packaging | PCBA | Thick Film

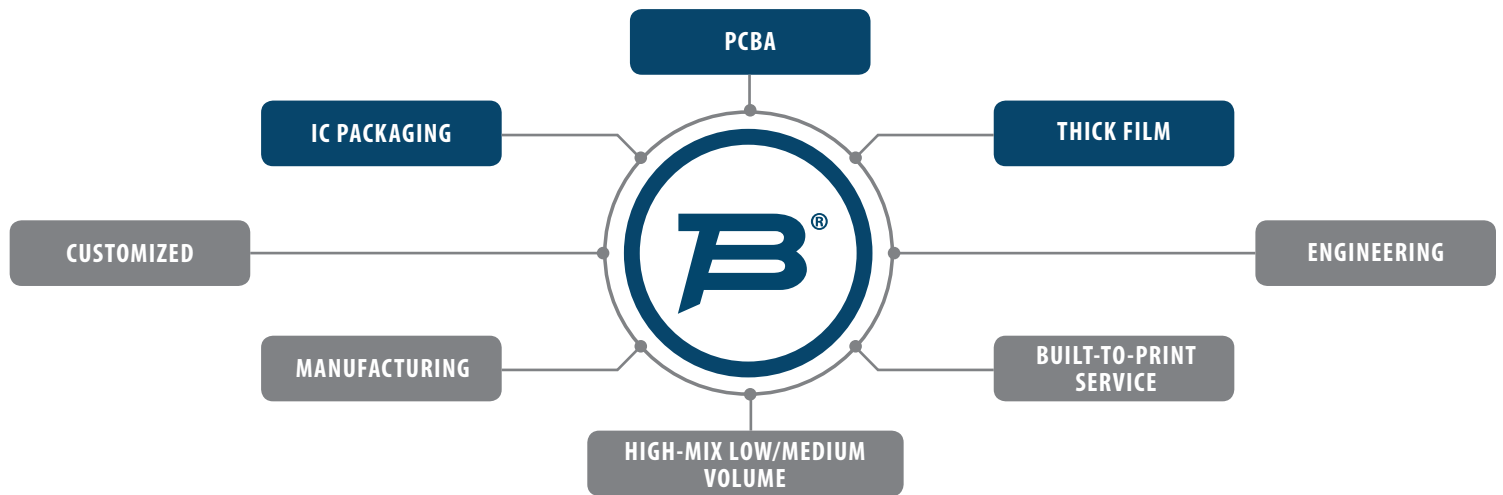


BOURNS®

PROVEN TECHNICAL RESOURCES PROVIDING FLEXIBLE, COST-EFFECTIVE APPLICATION SOLUTIONS TO ACHIEVE FASTER TIME TO MARKET

Utilization of Bourns' demonstrated expertise in technology integration, assembly processes, IC packaging technology and product launch control can result in faster time to market. Knowledgeable Bourns engineers provide a valuable, cost-effective resource across multiple environments and a broad range of applications that helps ensure enhanced functionality and compatibility from the design stage through manufacturing.

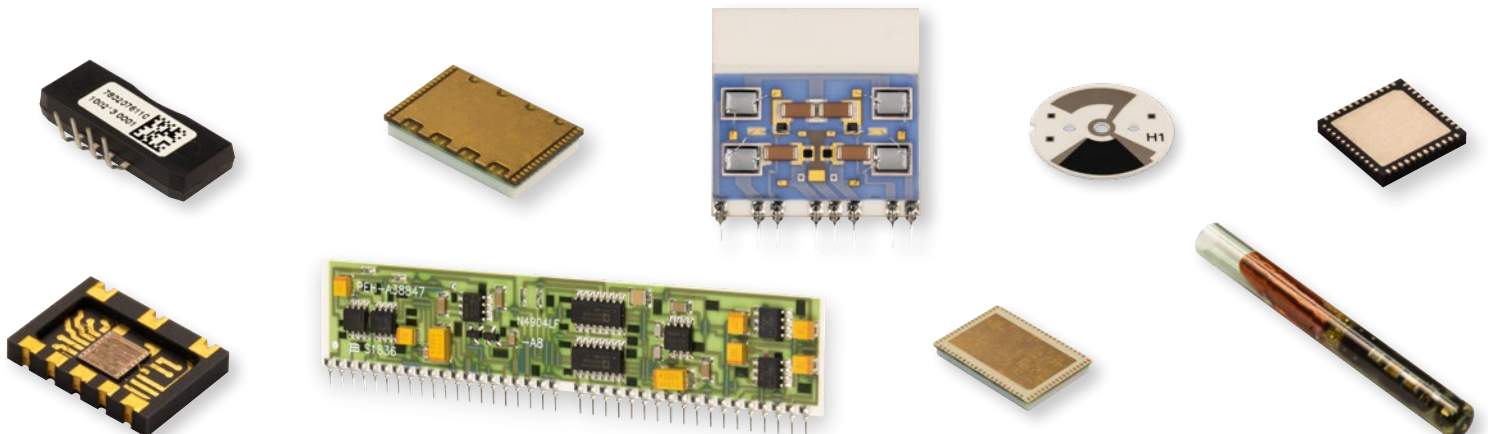
BOURNS' PACKAGING SOLUTIONS



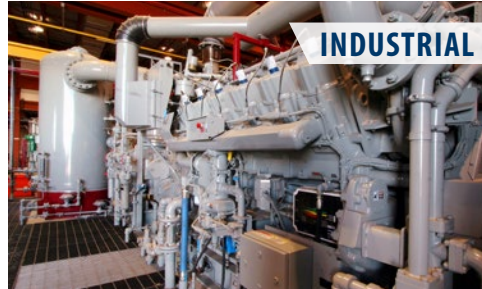
PACKAGES AVAILABLE

We work in close collaboration with our customers to select the optimal package for an application utilizing an abundance of options, experience and technology from Bourns.

- ▶ Single In-Line
- ▶ Dual In-Line
- ▶ COB (*Chip-On-Board*)
- ▶ Interposer
- ▶ System In Package
- ▶ QFN
- ▶ QFP (*Quad Flat Pack*)
- ▶ Mini-DIL
- ▶ TO-Cans
- ▶ Butterfly
- ▶ Hermetic Seal Custom

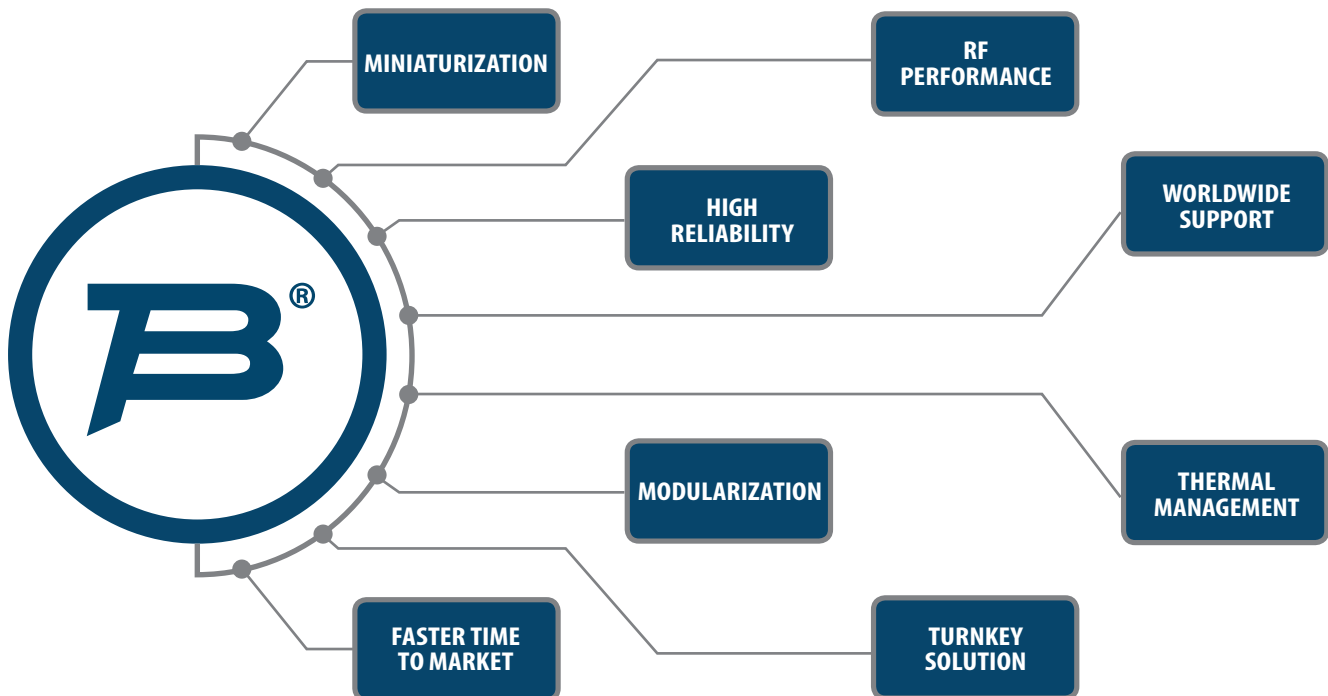


PRODUCT SOLUTION EXPERIENCE BY MARKET



BOURNS CORE TECHNOLOGY BENEFITS

Flexibility is vital in electronic design. Parts change, packages shrink, and environmental requirements become more stringent. Look to Bourns Engineering & Manufacturing Services to provide:



**Bourns® products have not been designed for and are not intended for use in "lifesaving," "life-critical" or "life-sustaining" applications nor any other applications where failure or malfunction of the Bourns® product may result in personal injury or death. See Legal Disclaimer Notice <http://www.bourns.com/docs/legal/disclaimer.pdf>.*

The products described herein and this document are subject to specific legal disclaimers as set forth at www.bourns.com/docs/legal/disclaimer.pdf.

PRODUCT LAUNCH CONTROL

Seamless transfer from product design and prototyping in the USA to volume production in Bourns' China and Mexico facilities.

ENGINEERING & PROTOTYPING CENTER



Bourns, Inc.
Riverside, California
U.S. Headquarters

PRODUCTION CENTERS



Bourns (Xiamen) Ltd.
Xiamen, China



Bourns de Mexico, S. de R.L. de C.V.
Tijuana, Mexico

WORLDWIDE SALES/REPRESENTATIVE OFFICES

Country/Region	Phone	Email
Americas:	+1-951-781-5500	americus@bourns.com
Brazil:	+55 11 5505 0601	americus@bourns.com
China:	+86 21 64821250	asiacus@bourns.com
Europe, Middle East, Africa:	+36 88 885 877	eurocus@bourns.com
Japan:	+81 49 269 3204	asiacus@bourns.com
Korea:	+82 70 4036 7730	asiacus@bourns.com
Singapore:	+65 6348 7227	asiacus@bourns.com
Taiwan:	+886 2 25624117	asiacus@bourns.com
Other Asia-Pacific Countries:	+886 2 25624117	asiacus@bourns.com

Technical Assistance

Region	Phone	Email
Asia-Pacific:	+886 2 25624117	techweb@bourns.com
Europe, Middle East, Africa:	+36 88 885 877	eurotech@bourns.com
Americas:	+1-951-781-5500	techweb@bourns.com

Bourns® products are available through an extensive network of manufacturer's representatives, agents and distributors. To obtain technical applications assistance, a quotation, or to place an order, contact a Bourns representative in your area.

Specifications subject to change without notice. Actual performance in specific customer applications may differ due to the influence of other variables. Customers should verify actual device performance in their specific applications.

BOURNS®

www.bourns.com/services

COPYRIGHT© 2019 • BOURNS, INC. • PRINTED IN U.S.A. • PSG • 08/19 • MM1901

"Bourns" is a registered trademark of Bourns, Inc. in the U.S. and other countries.