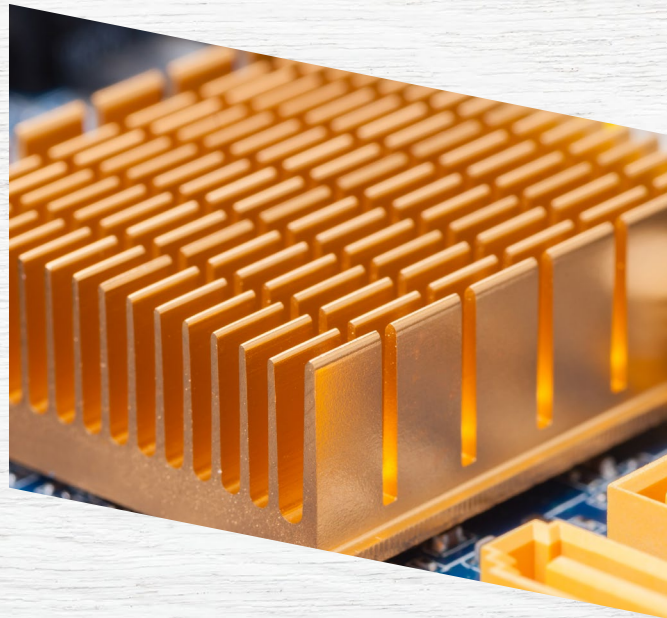
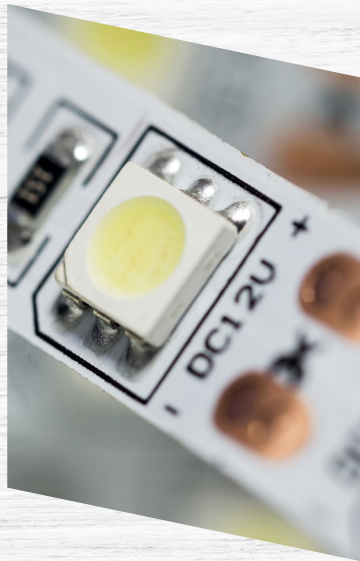
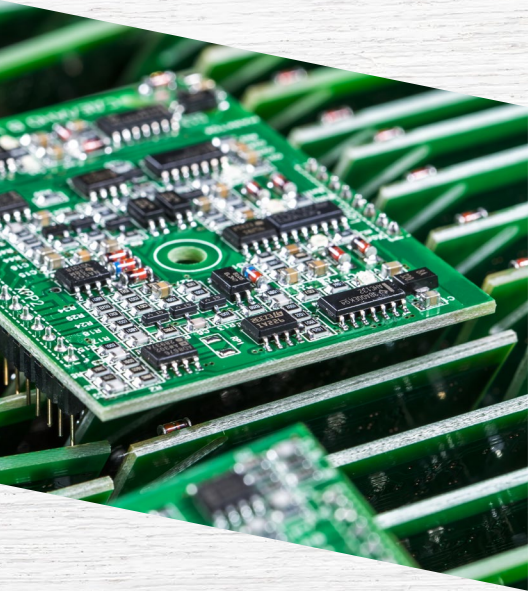


ELECTRONICS

Sourcing Guide



KEY APPLICATION SOLUTIONS

BONDING & JOINING

ADHESIVE TRANSFERS

Used for low profile direct bonding of components, often times as a conductive adhesive

DOUBLE COATED FILMS

Conductive and non-conductive low profile attachment and bonding for casings, components, and housings

HIGH BOND FOAMED ACRYLICS

Excellent for construction of external casings, components, and housings where viscoelasticity and sealing are essential

EMI/RFI SHIELDING

ALUMINUM & COPPER FOIL TAPES

Create reliable point-to-point electrical contact, grounding, and EMI protection

CONDUCTIVE TAPES & TRANSFERS

Conductive adhesives and tapes attach materials and allow for extremely low resistance

EMI ABSORBERS

Absorbing materials reduce the amplitude of errant waves that could distort signals

METALLIZED FABRICS & FABRIC OVER FOAMS

Highly conductive metals combined with lightweight fabrics meet a diverse range of EMI shielding requirements

PRINTED CIRCUIT BOARDS

FUME PROTECTION TAPE

Protect large areas from chemical fumes and splashes

HASL MASKING

Polymeric layer that provides permanent protective coating for copper traces on PCBs, preventing solder from bridging between conductors

POLYIMIDE FILM TAPE

Used for electrical insulation and gold finger protection

TIN/LEAD STRIPPING

Protects printed circuit boards in tin/lead stripping and gold finger plating

THERMAL MANAGEMENT

FIRE BLOCKING GASKETS

Typically die-cut, these gaskets can withstand extreme temperatures and prevent fire propagation

THERMAL INTERFACE MATERIALS

Fill gaps and help remove heat from sensitive components

SILICONE

Silicone sponge, rubber and foams provide gasketing, vibration damping and thermal insulation

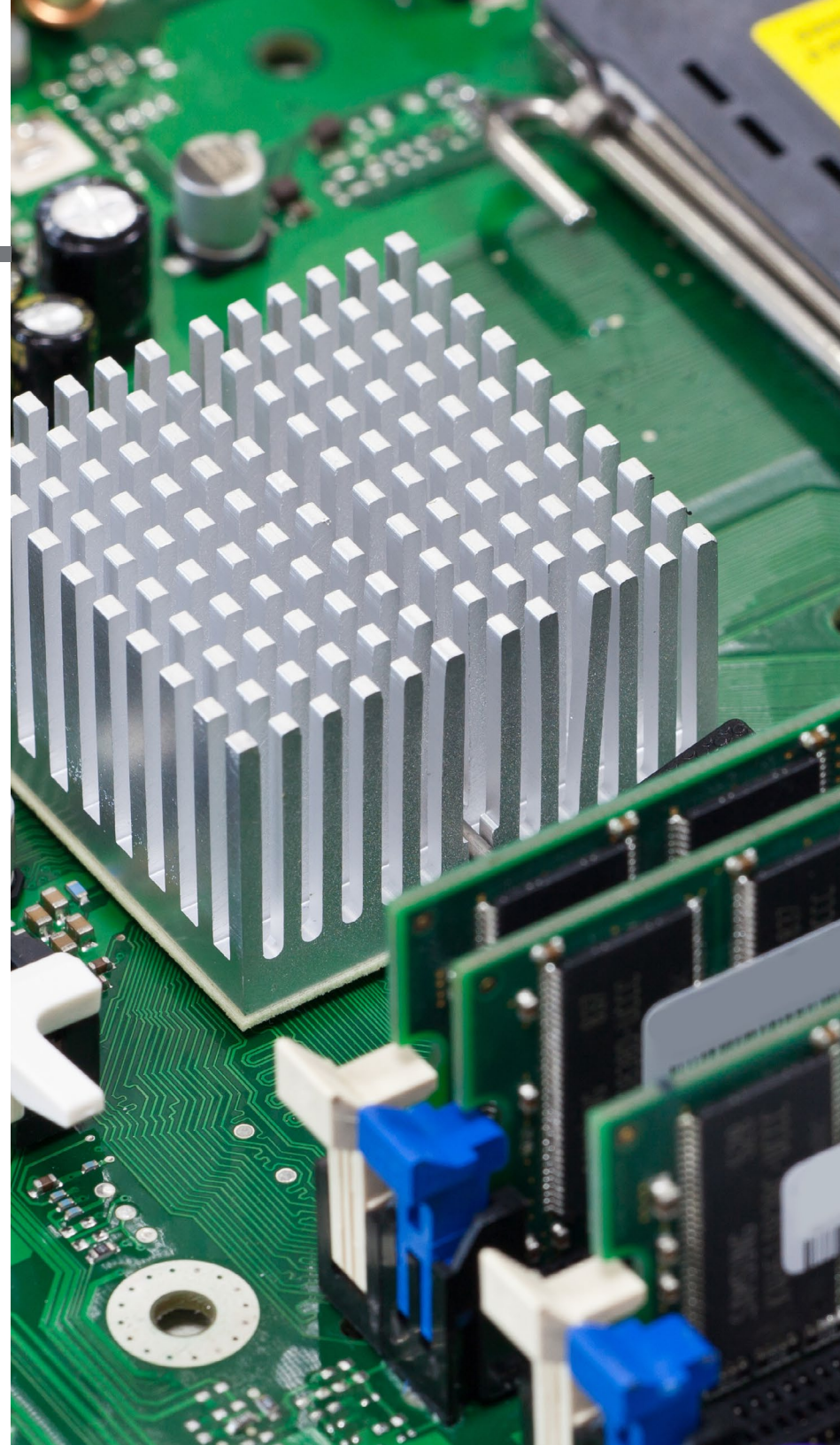
INSIGHTS

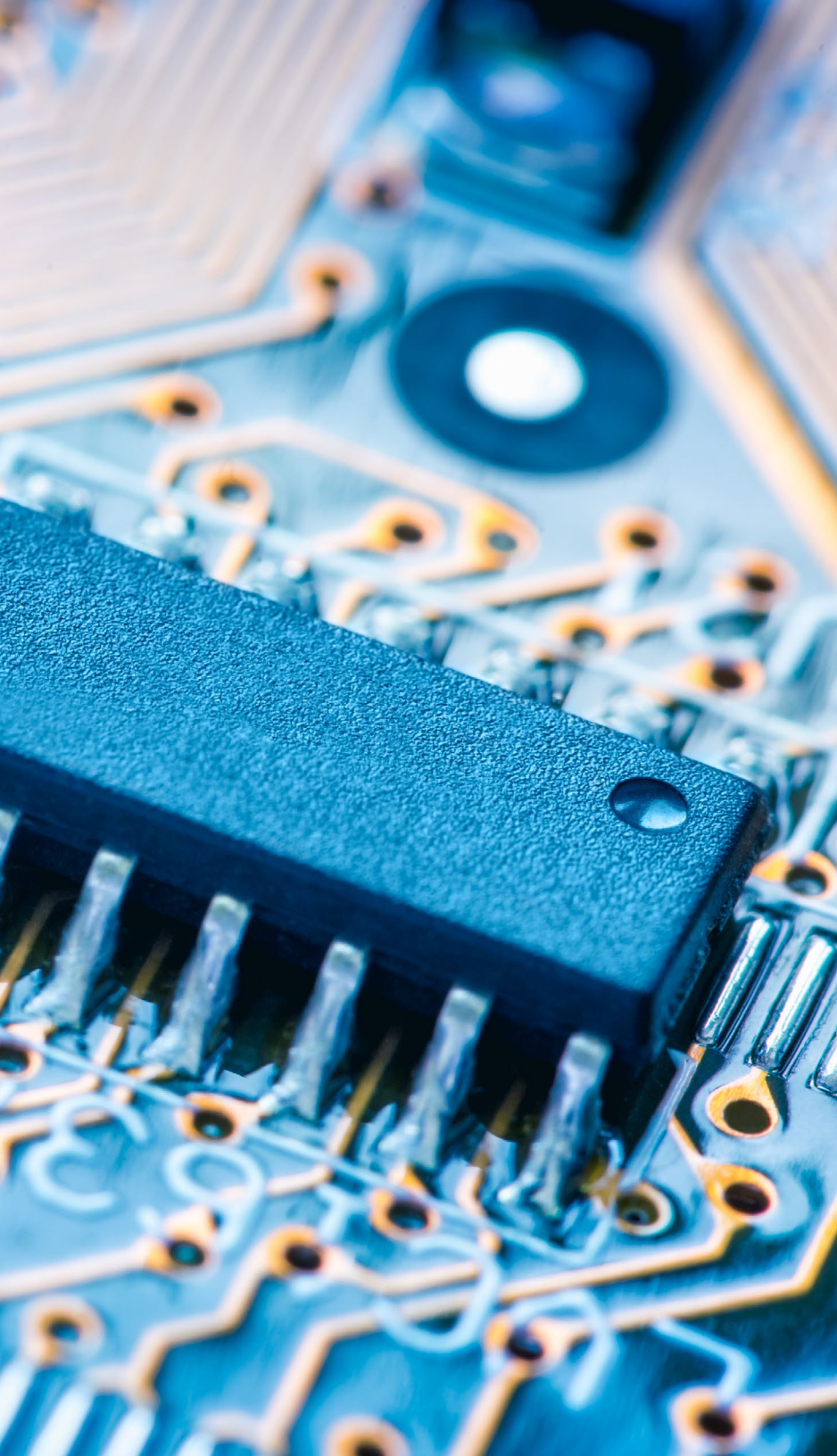
Thermal Management

As electronic equipment becomes smaller, power sources are concentrated in tighter areas. This confinement creates heat problems that can be counteracted with thermally conductive material. These products dissipate heat away from power transistors and microprocessors to the ambient environment. Heat dissipation is critical to optimizing processing speed and expanding the life expectancy of modern processors.

Budnick offers engineers the design freedom necessary to solve heat related problems. Our broad range of converting capabilities, from narrow width slitting to laser cutting micro parts, makes many design shapes and sizes a reality. Many parts that are impossible to produce with conventional tooling are now available through laser technology. With the advancement in thermal management products and Budnick's converting capabilities, system designers can provide efficient thermal interfaces without increasing assembly costs or processing time. Budnick works with you to find the most efficient converting method to create parts for your designs.

Budnick offers products such as thermally conductive graphite adhesive tapes, phase change thermal pads, thermally conductive silicone sponge gaskets and non-toxic, fire blocking silicone foam gaskets.





CASE STUDY

Identifying the Best Products

Customer Need

Our customer, an EMI shielding manufacturer, manufactures conductive, semi-cured silicones. The customer was working with a new thermal interface material and required a repositionable adhesive that would not interfere with the thermal conductivity. [Learn more](#) about how the Budnick solution improved their production process and helped transfer more heat away from sensitive components.

WHY BUDNICK?

We're Converting Things Others Can't

Custom Products and Services Enhance Your Productivity

The Budnick team partners with our customers to increase the performance of both the product and the process. We offer thousands of materials from dozens of manufacturers and convert to the most user-friendly form for each of your unique applications. These customized solutions can reduce your overall costs and simplify the application and/or removal of adhesive coated parts. With specialists in sourcing, engineering, prototyping, dispensing, and applying your tape, we work hard to identify your best solution.

The Converting Experts

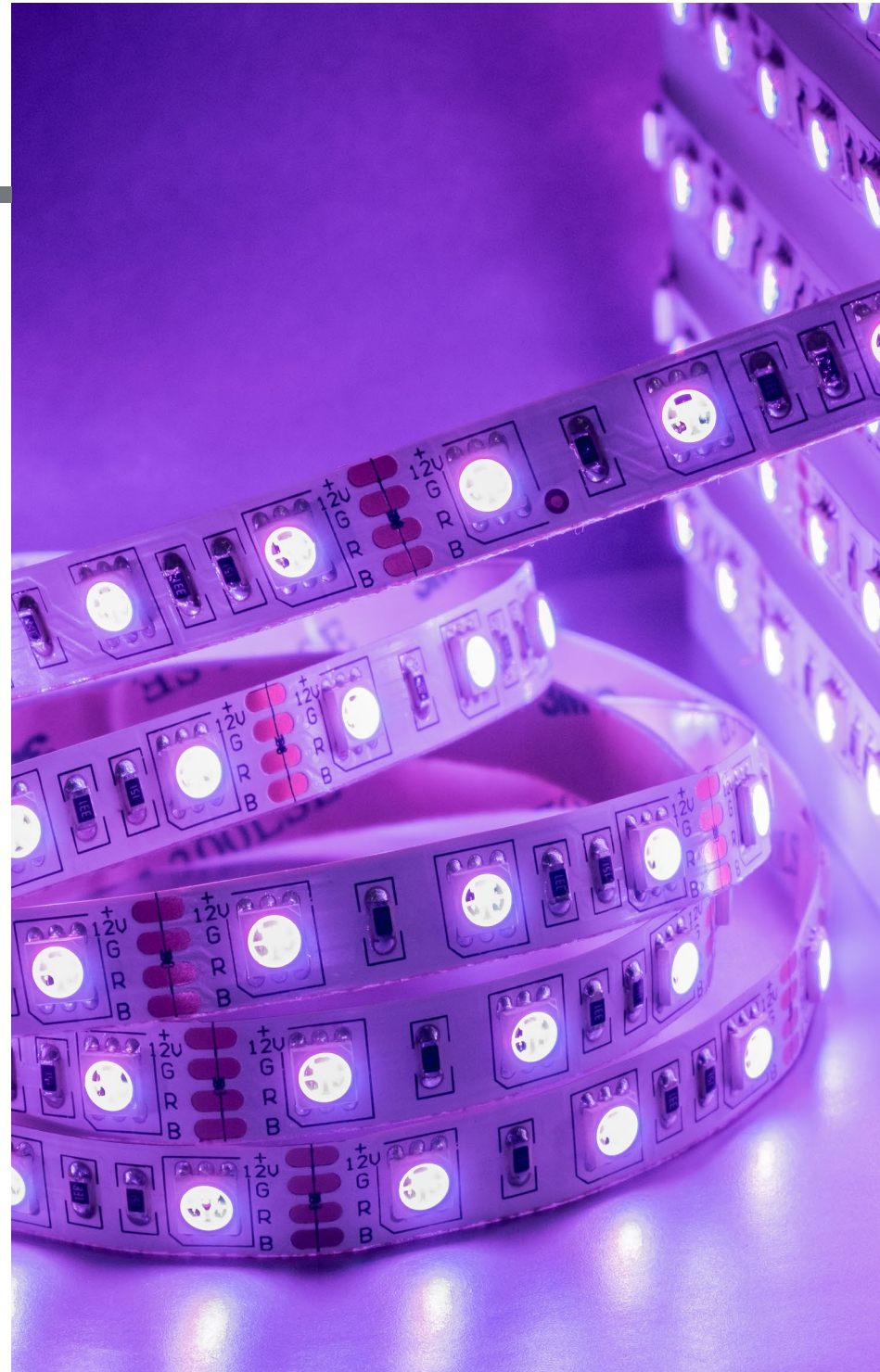
Our development specialists average more than 20 years of experience in the tape industry. With instant access to technical gurus at 12 major tape manufacturers and an internal support team of more than 25 people, we can quickly resolve challenging custom application issues, source the optimal material, engineer the ideal part, and convert your material to exacting tolerances.

Your Satisfaction is Our Priority

Budnick is a customer-focused organization. To fully understand your needs and drive value for your company, we partner with you to learn your business, your unique applications, and the needs of your job function.

We're Easy to Work With

While we have great systems and procedures in place, we realize that sometimes you have special circumstances and you just need some friendly help to get out of a jam - so we empower our associates to do what it takes to keep you running.



Your experienced Budnick team is here to help with application issues. We'll help you get the optimal product for your unique applications. With over 65 technologically advanced converting machines to custom slit, die cut, print, spool, laser, and waterjet cut custom parts, Budnick can reduce your processing time and costs, while improving your quality.

SERVICES

Application Engineering
In-Line Laser Cutting
Rewind Slitting
Lathe Slitting
Rotary Die Cutting
Flatbed Die Cutting
Traverse Winding (Spooling)
XY Axis Table Plotter
Sheeting

Laminating
Perforating
Waterjet Cutting
Flexographic Printing
Inkjet Printing
Sequential Numbering
Bar Coding
Island Placement
Adhesive Coating

Pattern Coating
Extended Liners
Private Labeling & Packaging
Custom Fabricating
Large Adhesives Inventory
Inventory Management
Contract Converting
Project Consulting
Prototyping

ADHESIVE AND NON-ADHESIVE MATERIALS

Double Coated Tapes
Adhesive Transfers
Non-Woven Materials
Foams (adh. or no)
High Bond Acrylics
Masking Papers
Filament Tapes
Cloth Tapes
Laminates
UHMW Material
Tensilized Polypropylene
Polyvinyl Chloride (PVC)
Unplasticized PVC

Banner Ups®
SEGDesign™ (Silicone Edge Graphics)
Polyimide
Polyester
Polypropylene
Paper
Foil
Polyethylene
Polyurethane
Polytetrafluoroethylene
Glass Cloth
Label Stocks
Gaskets

Films
Plastics
Rubber
Heat Activated Tapes
Water Activated Tapes
Sound Damping
Reclosable Fasteners
Rubber and Plastic Extrusions
Silicone Sponge and Rubber
Fabrics and Textiles
Magnetic Stocks and Tapes

NEED HELP WITH AN APPLICATION? CONTACT US TODAY!

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