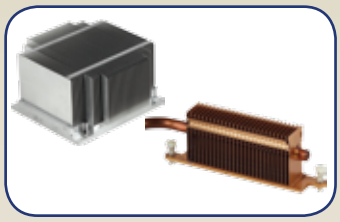
Capabilities and Custom Designs

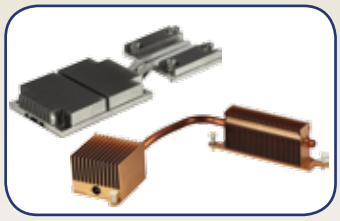
EXTRUDED HEATSINKS
- High aspect ratio thin fin extrusions
- Aluminum Alloy 6063
- Available in both standard and custom



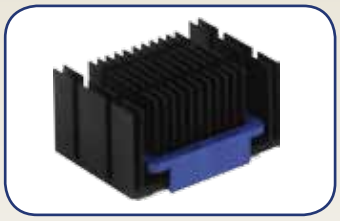
STAMPED FIN HEATSINKS
- Stamped Fin heatsinks available in both AL and CU
- Often combined with heat pipes and vapor chambers

WITH CUSTOM COLORS
- Offer custom anodize colors

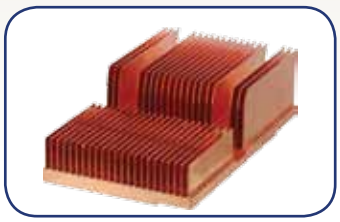
CAST HEATSINKS
- Die-casting in special AL alloy with high thermal conductivity (160 W/mK)
- High aspect ratio pin fins (Up to 10:1)
- Investment casting also available



HEAT PIPES
- Base embedded heat pipes (Soldered or Epoxied)
- Integrated with Stamped Fins (Soldered or Pressed)
- Available in various sizes and configurations

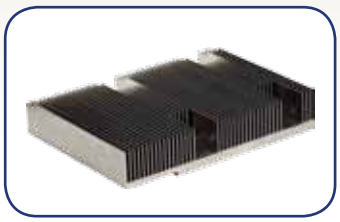


CUSTOM CLIP-ON
- Offer custom extended fins with clip attachment

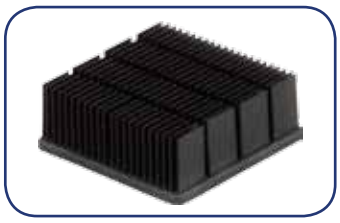


SKIVED HEATSINKS
- Thin Fin Copper Skiving with fins as thin as 0.008”
- CU1100 pure copper with high thermal conductivity (400W/mK)
- No NRE required for most parts
- Also available in aluminum

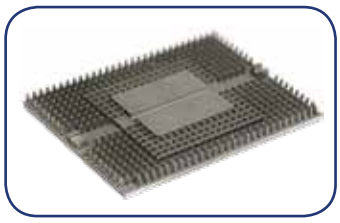
VAPOR CHAMBERS
- Used in conjunction with stamped fins
- Better spreading efficiency than copper or heat pipe based heatsinks
- High efficiency wick structure design
- Lightweight heatsinks



MACHINING
- Prototype runs
- Special shapes
- Aluminum or copper



FORGED HEATSINKS
- Extremely high aspect ratios (Up to 35:1)
- Forged heatsink in both copper and aluminum
- Available in both standard and custom



RAPID PROTOTYPE
- Quick turn from our local foundry
- Made from a 3D model
- No hard tooling required

ATTACHMENT METHODS
- Clips
- Push-pins
- Tape
- Captive screws
- Wire & Anchor

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