Define the problem

Design the solution

Aavid Design offers creative and cost-effective product design, testing, and prototype services for thermal, mechanical, electronic, and industrial design disciplines across a wide spectrum of market segments including technology, power management, telecom, industrial, consumer products, and transportation.

We are reliable, creative, process-driven, and cost-efficient in our relentless pursuit of excellence. We recognize the mutual exchange of value through our client collaboration and treasure our voice of the customer. Our design centers located in the US, China, Europe, and India provide our clients with innovative engineering solutions tailored to suit any specific need.

Aavid Design customers are uniquely supported by Aavid Corporation’s low-cost manufacturing facilities around the world providing unparalleled manufacturing capabilities.
Aavid Design offers creative and cost-effective product design, testing, and prototype services for thermal, mechanical, electronic, and industrial design disciplines across a wide spectrum of market segments including technology, power management, telecom, industrial, consumer products, and transportation.

We are reliable, creative, process driven, and cost efficient in our relentless pursuit of excellence. We recognize the mutual exchange of value through our client collaboration and never fail to listen to the voice of our customer. Our design centers located in the US, China, Europe and India provide our clients with innovative engineering solutions tailored to suit any specific need.

Aavid Design customers are uniquely supported by Aavid Corporation’s low cost manufacturing facilities around the world providing unparalleled manufacturing capabilities.
Aavid Design services are utilized by leading technology companies in a broad range of industries. Our leadership and technical expertise are widely diversified within today’s current and emerging worldwide markets.

**INDUSTRIES**
- Defense & Aerospace
- Server
- PC
- Telecom
- Consumer Electronic
- Industrial
- Lighting
- Power
- Medical
- Transportation
- Energy
- Gaming
- Networking
- Renewables

**SERVICES**
Aavid Design is unique in its service offerings as we are able to provide full scale integration from innovation to development to actualization to product launch. We can act as collaborator or as your full source development resource.

Our design engineers are able to step into the creative process at any point to define the problem and optimize the product under development for further refinement, advancement and testing. Our progressive prototype shops are able to provide the required representative version of any design concept.

Whether you require complete design solutions or stand alone services, Aavid Design can meet your needs.

Avid Design to become an extension of your in-house engineering group.

This seamless integration into the design process enables Aavid Design to become an extension of your in-house engineering group.

**MECHANICAL • THERMAL • ELECTRICAL • INDUSTRIAL**
- Design and Engineering
- Testing and Analysis
- Prototyping and Manufacturing

**CAPABILITIES**
Value added design & engineering services may be utilized for turn-key product development or as a solutions provider to your existing project. Aavid Design’s focus is not only on designing for functionality but also for manufacturability.

Aavid Design capabilities include a wide range of advanced engineering analysis to better understand the possibilities as well as the limitations of any design concept.

**ENGINEERING, DESIGN AND ANALYSIS**
- Heat Sink Thermal and Flow Resistance
- Liquid Cooling Thermal and Flow Resistance
- Fluid Flow Resistance Test with Gas
- Heat Pipe Thermal Resistance
- Two Phase Non-condensable Gas Measurement

**PROTOTYPES**
Aavid Design employs individuals with specialized skills and training in general fabrication techniques that help bridge the gap between theoretical design and the fabrication of models.

Our progressive prototype shops are able to provide the required representative version of the product under development for further refinement, advancement and testing.

With prototype capabilities located worldwide, Aavid Design is able to abbreviate the essential time from design concept to market.

Prototype capabilities include:
- SLA (Stereolithography)
- CNC Milling
- RTV Tooling/Urethane Casting
- Metal Casting
- 3D Printing
- Rapid Tooling/Production
- Post-Processing & Finishing
- Metal Coating
- CAD Modeling
- Sheet Metal

**MANUFACTURING**
Aavid Design customers are uniquely supported by Aavid’s low cost manufacturing facilities around the world providing unparalleled manufacturing capabilities.

It is our policy to supply products which meet or exceed customer requirements for quality, delivery, performance, and value. We are committed to continuous improvement throughout the corporation through the application of world class business principles. All factories are ISO 9001:2008 Certified.

**CUTTING EDGE LABS**
Aavid Design’s state of the art labs are strategically located throughout the world to meet your testing requirements.

- Hi-Pot Test
- Thermal Cycling/Thermal Shock
- Materials Analysis
- Shock and Vibration
- Salt Spray and Corrosion
- Mechanical Strength Tests
- Heat Sink Thermal and Flow Resistance
- Liquid Cooling Thermal and Flow Resistance
- Fluid Flow Resistance Test with Gas
- Heat Pipe Thermal Resistance
- Two Phase Non-condensable Gas Measurement

- Heat Pipe Capillary Pressure and Permeability
- Thermal Interface Resistance
- Two Phase Liquid Cooling
- Thermal and Flow Resistance
- Tests with Dielectric Fluid
- Liquid Cold Plate Leakage Testing
- Pressure Pulse Testing
- High Pressure Integrity Testing

**DESIGN IS WHERE SCIENCE AND ART MEET.**
We not only design solutions...we design relationships.
Rapid Tooling/Production
Mechanical
Aavid Design can meet your needs. Whether you require complete design solutions or stand alone services, engineering group.
Aavid Design to become an extension of your in-house This seamless integration into the design process enables
ealternatives to discover the best solution for your design.
process at any point to define the problem and optimize
Our design engineers are able to step into the creative
actualization to product launch. We can act as collaborator or as
provide full scale ideation from innovation to development to
Aavid Design is unique in its service offerings as we are able to
SE
Engineering
Design and
rics
T
Test and
ric
al
udies
al  •  indu
• Lighting
• Industrial
• Consumer Electronic
• Telecom
• Power
• Medical
• Transportation
• Energy
• Gaming
• Networking
• Renewables

SERVICES
Aavid Design is unique in its service offerings as we are able to
provide full scale solution from innovation to development to
actualisation to product launch. We can act as collaborator or as
your full source development resource.
Our design engineers are able to step into the creative
process at any point to define the problem and optimize
alternatives to discover the best solution for your design.
This seamless integration into the design process enables
Aavid Design to become an extension of your in-house engineering group.
Whether you require complete design solutions or stand alone services, Aavid Design can meet your needs.

INDUSTRIES
Aavid Design services are utilized by leading technology companies in a broad range of industries. Our leadership and technical expertise are widely diversified within today’s current and emerging worldwide markets.

MECHANICAL • THERMAL ELECTRICAL • INDUSTRIAL
Design and Engineering Testing and Analysis Prototyping and Manufacturing

CAPABILITIES
Value added design & engineering services may be utilized for turnkey product development or as a solutions provider to your existing project. Aavid Design’s focus is not only on designing for functionality but also for manufacturability.
Aavid Design capabilities include a wide range of advanced engineering analysis to better understand the proficiencies as well as the limitations of any design concept.

ENGINEERING, DESIGN AND ANALYSIS

Design is where science and art meet.

PROTOTYPES
Aavid Design employs individuals with specialized skills and training in general fabrication techniques that help bridge the gap between theoretical design and the fabrication of models.
Our progressive prototype shops are able to provide the required representative version of the product under development for further refinement, advancement and testing.
With prototype capabilities located worldwide, Aavid Design is able to abbreviate the essential time from design concept to market.
Prototype capabilities include:
- SLA (Stereolithography)
- CNC Machining
- RTV Toolings/Urethane Casting
- Metal Casting
- 3D Printing
- Rapid Tooling/Production
- Post-Processing & Finishing
- Metal Coating
- CAD Modeling
- Sheet Metal

CUTTING EDGE LABS

Aavid Design’s state of the art labs are strategically located throughout the world to meet your testing requirements. We design test and validate custom innovative solutions utilizing the most advanced technological resources to save our customers precious development time and cost.

MANUFACTURING
Aavid Design customers are uniquely supported by Aavid’s low cost manufacturing facilities around the world providing unparalleled manufacturing capabilities.
It is our policy to supply products which meet or exceed customer requirements for quality, delivery, performance, and value. We are committed to continuous improvement throughout the corporation through the application of world class business principles. All factories are ISO 9001:2008 Certified.

We not only design solutions... we design relationships.
Aavid Design may meet your needs. Whether you require complete design solutions or stand-alone services, Aavid Design can become an extension of your in-house engineering group. This seamless integration into the design process enables our design engineers to step into the creative process at any point to define the problem and optimize the alternatives to discover the best solution for your design.

Aavid Design capabilities include a wide range of advanced engineering analysis to better understand the possibilities as well as the limitations of any design concept. Our progressive prototype shops are able to provide the required representative version of any design concept. Aavid Design’s focus is not only on designing for functionality but also for manufacturability.

Value added design & engineering services may be utilized for turn-key product development or as a solutions provider to your existing project. Aavid Design’s focus is not only on designing for functionality but also for manufacturability. Aavid Design’s focus is not only on designing for functionality but also for manufacturability.

Aavid Design customers are uniquely supported by Aavid’s low-cost manufacturing facilities around the world providing unparalleled manufacturing capabilities. It is our policy to supply products which meet or exceed customer requirements for quality, delivery, performance, and value. We are committed to continuous improvement throughout the corporation through the application of world class business principles. All factories are ISO 9001:2008 Certified.

We not only design solutions…we design relationships.
Define the problem
Design the solution

Aavid Design offers creative and cost effective product design, testing and prototype services for thermal, mechanical, electronic and industrial design disciplines across a wide spectrum of market segments including technology, power management, telecom, industrial consumer products and transportation.

We are... reliable, creative, process driven and cost efficient in our relentless pursuit of excellence. We recognize the mutual exchange of value through our client collaboration and it is our primary focus to listen to the voice of our customer. Our design centers located in the US, China, Europe and India provide our clients with innovative engineering solutions tailored to suit any specific need.

Aavid Design customers are uniquely supported by Aavid Corporation's low cost manufacturing facilities around the world providing unparalleled manufacturing capabilities.

Creativity Unleashed...
Aavid Design