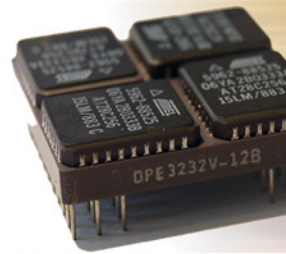


# The **Leader** in High Reliability IC Packaging and Testing Services

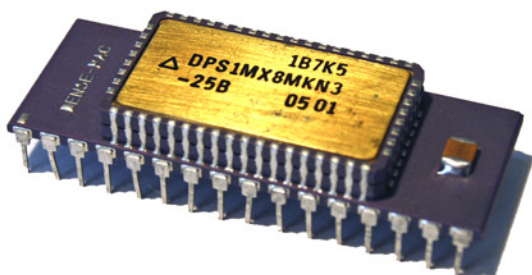


Twilight Technology, Inc. specializes in IC packaging and testing services focused on providing solutions for high reliability applications or obsolete components. For 10 years, Twilight Technology has manufactured and marketed a variety of standard and proprietary semiconductor packaging and memory module solutions. Our customers benefit from our broad experience and expertise in design, IC packaging, component reliability, and quality testing.

With 25 years of design experience, our engineering staff solves problems with footprint conversions, RoHS, BGA and flip chip reliability, CTE mismatches, obsolescence, custom packaging requirements, and board space issues. Our products, which we make available in commercial, industrial, and military grade levels, range from simple two-terminal discrete devices, to complex Application Specific Integrated Circuits (ASICs). Many of our designs have resulted in multiple patents.

## Quality

Quality is our number one priority. Twilight Technology has a quality system, which strictly follows MIL-STD-883B, MIL-PRF-38535, and the JEDEC standards in all aspects of operations, engineering, manufacturing, testing, and sales. Total Quality Management, ESD prevention, and statistical quality control are implemented throughout our manufacturing and business facilities. We continually train our staff on these quality processes and procedures, and welcome our customers to tour the facility and see first-hand our manufacturing and testing labs.



## Services & Capabilities

### Applications Support and Leading Design Engineering

With 25 years of packaging design expertise, the Twilight engineering staff works closely with customers to provide the highest quality products and applications support. All products designed by our engineering staff are released only after prototyping and performing a complete design review for verification and completeness.

Through customer consultation, Twilight Technology delivers superior products through the use of today's cutting edge technology, CAD software, prototyping, and testing tools and resources. For special programs or technologies, Twilight has established key partnerships with vendors and contract services to strengthen our resources repertoire.

Twilight Technology prides itself on its remarkable reputation for having the design knowledge and proficiency that spans all aspects of manufacturing and packaging of semiconductors. Typical packaging technologies include monolithic repackaging, MCM, memory modules, die and package stacking, and hybrid solutions.

### Prototyping

Twilight offers a dedicated prototyping line which enables us to respond quickly to customer needs and expectations. If the required materials and die are in house, the prototyping center can deliver first article samples for qualification within 10 business days. If the customer's solution involves customization, then we will work diligently to meet their desired schedule.