Plexus is a proven leader in advanced microelectronics manufacturing and assembly solutions. Leveraging over 35 years of technology leadership in design and manufacturing — with proven expertise in high-complexity, high-reliability and harsh environmental products — we are uniquely positioned to design, manufacture and deliver microelectronic products that exceed our customers' expectations.

Plexus has developed industry-leading capabilities through product and process characterization. We have a highly experienced team led by talented industry veterans and we work closely with our customers to ensure we have the capabilities and expertise to meet their needs.

**Regulatory expertise and compliance.**

- ISO 9001, ISO 13485 and ISO 14001 certified
- AS9100 certified
- ANSI / EDS S20.20 certified
- IPC J-STD-001 and Space certified
- DoD DMEA Accredited Trusted Source

- AS5553-Compliant Counterfeit Parts Avoidance
- Screening IAW MIL-PRF-38534
- Testing IAW MIL-STD-883 methods
- Robust materials obsolescence management
Microelectronics Center of Excellence
Boise, ID

Robust set of capabilities.
- Custom packaging and process development
- Precision die attach (flip chip, epoxy and eutectic)
- Gold and aluminum wire and ribbon bonding
- Stud bumping
- Precision automated underfill
- Dam and fill encapsulation
- Extensive in-house test, screening and inspection

Product and technology focus.
- Hybrids and integrated mixed technology assemblies
- Chip and wire
- Flip chip
- Multi-chip modules
- System-in-package
- RF / microwave modules
- Power modules
- MEMS and 3D packaging
- Optoelectronics / imaging devices
- Quilt Packaging™

Full range of services.
- Product design
- Process development
- Materials evaluation
- Prototype to production
- Test and measurement
- Reliability and failure analysis

ISO Class 7 cleanroom
Industry-leading process, test and inspection solutions
Best-in-class processing and metrology equipment
On-site failure analysis and reliability testing lab

Ready to get started? Contact our Microelectronics team at plexus.com/contact or by using the appropriate phone number below.

AMERICAS
+1 877 733 7260

EUROPE
+44 (0)1506 637 997

ASIA PACIFIC
+604 632 5252

PLEXUS.COM