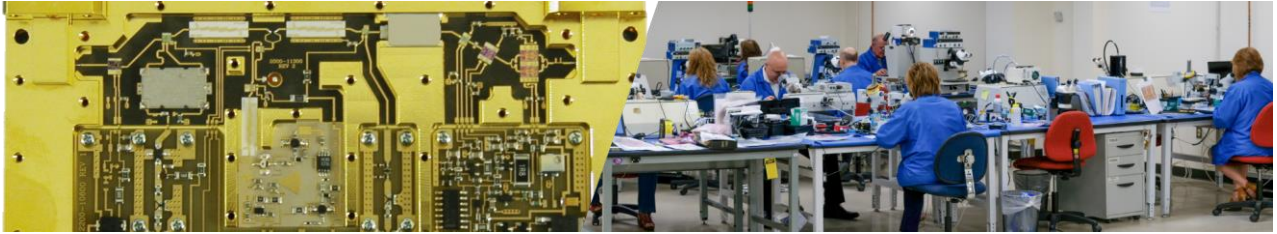


- Manufacturing facility Nashua, NH
- Highly trained and experienced in RF/Microwave/Millimeter Wave Mfg.
- Engineering design services
- Product heritage over 30 years
- Culture of Continuous Improvement
- Scalable process driven company

- 8,500sf Mfg. Clean Room
- Manual, Semi-automated and automated wire bonding, pick and place, and dispense equipment
- Plasma surface cleaning/prep
- Hermetic Seal, Encapsulation and Conformal coating
- Device marking – Ink & Laser
- Dry pack Vacuum seal Packaging
- Electrical test and environmental screening, Fine Leak, Thermal Cycle, Acceleration....
- RF/Microwave/mmWave design engineering
- Calibrated Bond Pull Certifications
- Lot and device traceability

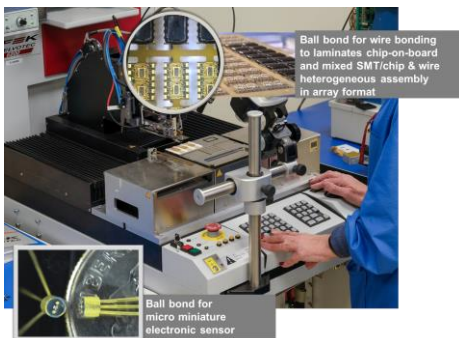




Highly experienced and well-trained Manufacturing staff
Process oriented manufacturing – Continual Improvement

Advantages of Manufacturing with Monzite

- Direct communication with Monzite sales and operations
- Incoming Inspection (Kit or Turn-Key) – Efficient and timely assembly
- QA inspection following every stage of assembly – minimize failures
- Highly experienced staff – Continually trained:
Inspection, Surface prep, Soldering, Epoxy attach, Wire bonding, Quality control, Environmental and functional testing, Process flow
- Corporate commitment to quality and On-Time-Delivery
- Facilities/Equipment optimized for Microwave and Millimeter Wave assembly



Notable Manufacturing Capabilities

Assembly:

- Chip-on-board, mixed SMT + Chip & Wire
- Flip Chip & Die on carrier
- Precision die attach epoxy dispensing

Wire Bonding:

- Large array of Auto, Semi-Auto and Manual Wire Bonding machines – Many wire sizes
- Gold and aluminum wire and ribbon bonding
- Ball bonding and wedge bonding
- Deep access wedge bonding
- Bond pull calibration and certification

