

TI's commitment to defense and aerospace customers

Delivering components that meet harsh environments and long operating life standards



Strong defense legacy

TI is the global semiconductor supplier that engineers rely on for products that meet long-operating-life and harsh environment standards. With more than 80 years in the industrial segment, TI drives innovative, reliable industrial solutions – including those for defense and aerospace segments – while maintaining strategies for continuity of supply, including multi-sourced manufacturing resources.

TI's path to space-grade products

TI's investment in space products includes in-house TID testing to accelerate product development. Coupled with 7 QMLV-certified wafer fabs, this testing process allows TI to bring more advance products to market for space applications.

Support model for execution

TI's full-cycle support model provides expertise from start to finish of defense designs. From dedicated field support, access to product development experts and on-site debug, TI is invested in your success at all phases:

- ★ Component selection
- ★ Component validation
- ★ Component ramp up



Industry requirements

Long product life cycles

Ability to withstand harsh environments

Compliance with strict defense & space certifications

Higher density of features & products

TI delivers

Strategies for continuity of supply & non-obsolescence

Strategies for Enhanced Reliability: Extended Temperature & High Voltage, protection

QML-certified products

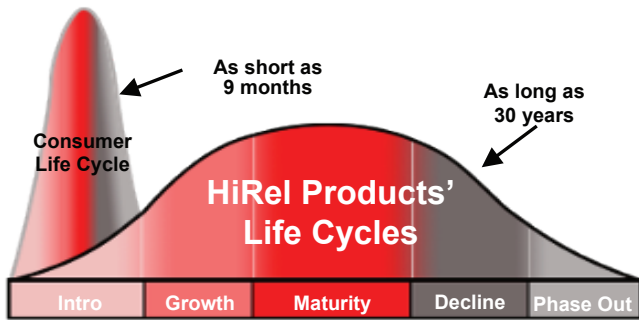
Enhanced integration & advanced packaging



Engineering Industrial Innovation

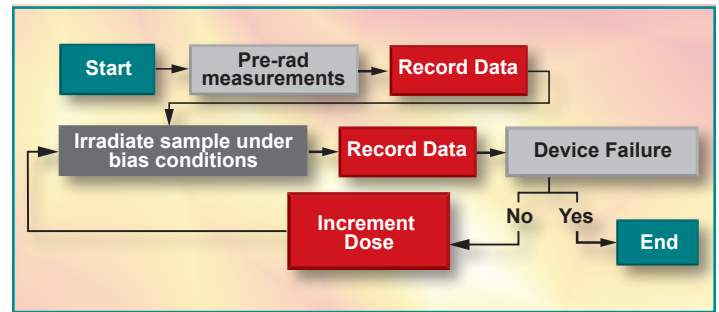
Specialized components for customers operating in unique, harsh or challenging environments

- Supported standards include: MIL-PRF-38535 Class Q and V, SMD, MIL-STD-883, military temperature range commercial processed product.
- Radiation-tolerant solutions
- Extended temperature
- Small form-factor / high integration
- Long-lifecycle applications



TI's path to rad-hard products

- QML-certified vendor
- Access to 100 rad/sec HDR Co-60 source enables fast pre-screening of devices for radiation toleration
- Total dose testing performed on QML Class-V products to determine radiation effects
- Ability to release products to radiation hardness assurance (RHA), per Mil-Std-883 method 1019
- Ability to provide rad-hard tested die and Known Good Die (KGD)



Radiation Test Method

Reliable partner, unmatched technical and design support

- Operating in more than 35 countries
- Approximately 32,000 employees worldwide
- Innovating for more than 85 years
- Industry's largest sales and support staff
- 130+ sales offices worldwide
- 60+ design centers worldwide
- 24/7 community support

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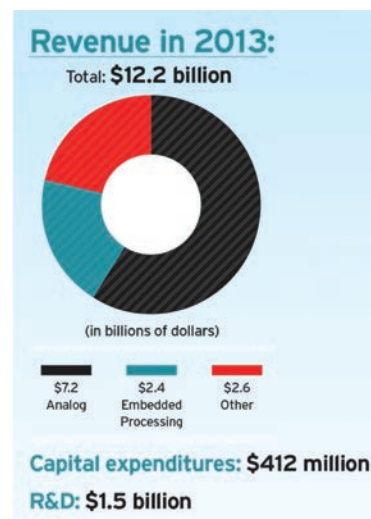
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Strong revenue and investments



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