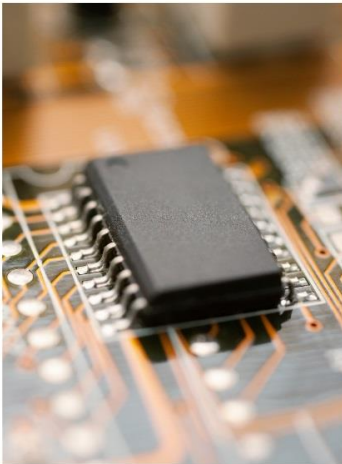


Mission Statement:

Our goal is to provide first time right RF, analog and mixed-signal IC solutions to ensure success of your microelectronic project.



Anatrix Advantage:

Our experience and methodology allows our design solutions to achieve project specifications while optimizing for low power, low noise, high speed and cost.

Our experience is in consumer, medical, optics, cryogenic and radiation hardened markets.

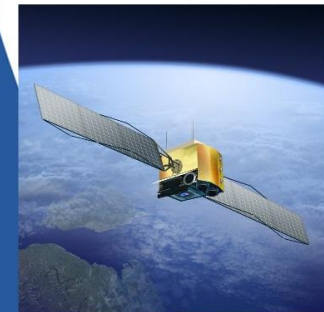
Anatrix offers IC consulting services, RF, analog and mixed-signal design resources and ready to integrate IP cores.

Anatrix, LLC

1755 Telstar Drive, Suite 300
Colorado Springs, CO 80920
(719) 622-6328
www.anatrix-ic.com



*Radiation Hardened
Products and Services*



RadHard by Design

Anatrix offers radiation hardened by design technique solutions utilizing commercially available IC processes.

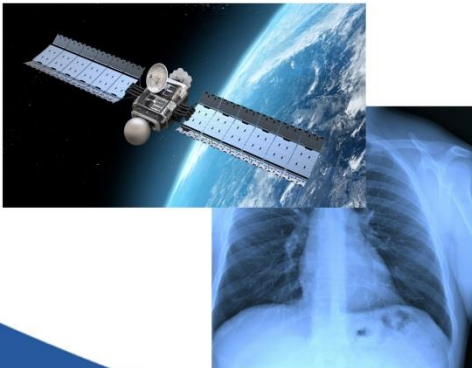
We use existing IP or create a custom design to meet your exact program specifications.

Radiation Effects Addressed

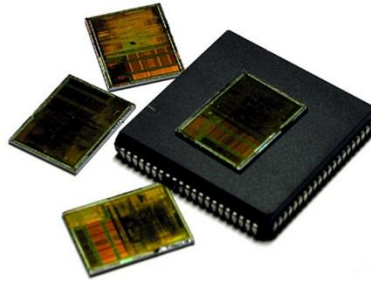
- Total Ionizing Dose (TID) to meet mission
- Single Event Latch Up (SEL) Tolerant
- Single Event Transient (SET) Analysis
- Single Event Upset (SEU) Memory

Supported Manufacturing Processes

- CMOS 180nm – 65nm
- BiCMOS SiGe HBT 180nm – 130nm



Design Experience



Anatrix has designed IP blocks for a number of leading space companies and directly for government programs.

Analog and Mixed-Signal Designs

- Phase Locked Loops
- DAC (Cap, Res, current steering)
- Amplifiers (Low Noise, TIA, OTA)
- Laser Driver/Receiver

Custom Digital Designs

- Digital Gate Development
- SEU Tolerant Memory (DICE, SRAM)
- Serialize and De-Serialize
- Frequency Dividers
- Clock Buffering and Drivers

I/O Functions

- High Speed (CML, LVDS)
- Digital Drivers
- Pad Ring Design

Consulting Services

Anatrix provides comprehensive IC consulting services specializing in radiation hardening of analog and mixed-signal designs.

Anatrix can work with your team from project planning through design review to ensure a high-yield cost effective product.

Project Definition Support

- Radiation Hardening Options
- Device Floor Planning
- Specification Review
- Process Selection
- RadHard Layout Techniques

Product Development Support

- Transistor Level Design Resources
- Physical Layout Resources
- Attend Design Reviews

