



**25 years in Analog,
RF & Mixed-Signal
IC Design Services**



We deliver custom IC design and layout solutions that integrate seamlessly into your team.


Over 25 years of expertise in Analog, RF, Power Management, and Mixed-Signal circuits.

www.cantech-informatics.com

Contact

Bucharest, Romania

 cantech-informatics.com

 contact@cantech-informatics.com

 +40728144400

**Trusted IC
Design
Partner**

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Sample Projects

- UWB Transceivers (location apps)
 - Multiband synthesizers & Rx basebands
 - TSMC 90nm / 65nm CMOS
- High-performance LDOs
 - Ultra-low power ($I_Q < 1\mu A$)
 - Any load ($CL = 0-10\mu F$, $IL = 0-1A$)
 - Fast transients, high accuracy
 - TSMC (22nm, 40nm, 180nm), XFAB 180nm, AMS 130nm, others
- Controllers for multi-phase DC-DC converters
 - Drivers, oscillators, amplifiers, comparators, protection
 - Customer CMOS/BCD, 22nm-250nm
- Switched-cap DC-DC (automotive)
 - 130nm BCD
- High-reliability Transceiver (geological)
 - Rx baseband, analog filters & amplifiers (Tx)
 - XFAB 0.35 μm CMOS

Our Approach

- Deliver a "same as internal design team" experience
- Project team: lead + designers + local support
- Senior sign-off on all deliverables
- Remote work on customer's laptops/networks
- Seamless integration: Jira/Jama, reviews, weekly meetings
- Flexible engagement (Time & Materials model)
- IP fully retained by customer
- Support for patent applications

Do you have a unique project with specific needs?

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Our Resources



Analog Design Team

- Founder – 25+ yrs Analog/RF/MS, PhD
- Senior Engineers with 10+ yrs (PMICs, AFEs, MEMS) & PhDs
- MSc/PhD juniors for research, verification



Analog Layout Team

- Founder – 26+ yrs
- 3 senior engineers with 21, 19, 15 yrs



Development

With engineers averaging 15–25 years of experience across top foundries worldwide, we provide the complete spectrum from concept to silicon. Customers value us as an extension of their internal teams – bringing reliability, speed, and innovation to every project."

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