LEADING EUROPEAN DESIGN SERVICE AND TURNKEY ASIC PARTNER

About Racyics

Racyics is Europe's leading design house for mixed-signal System-on-Chip design and turnkey ASIC service in advanced nodes. With German-wide locations in Dresden, Frankfurt/Main, and Duisburg, the company offers design and implementation services for analog, mixed-signal, and digital ICs.
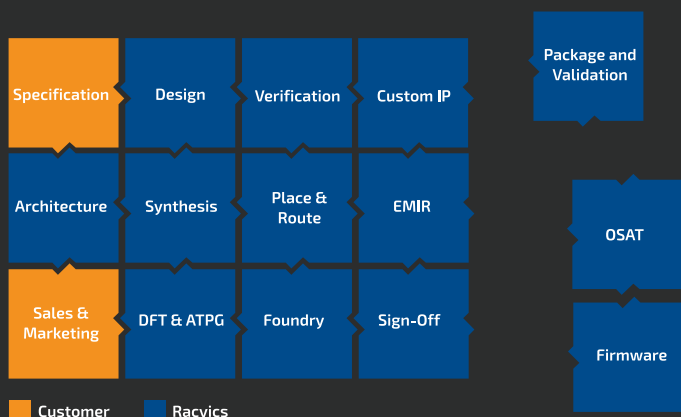
Working for leading European semiconductor companies for many years, the Racyics team contributed to numerous successful chip designs down to 7nm feature-size for automotive, consumer, and communication applications.

As GLOBALFOUNDRIES' channel partner with focus on advanced and leading-edge technologies, Racyics provides access to 28nm, 22nm and 12nm MPW prototyping runs. Additionally, Racyics offers design enablement services for European SMEs and academia.

GlobalFoundries™
Channel Partner since 2013

→ 1st 22FDX® full turnkey product tape-out in 2018

→ Over 100 tape-outs since 2009 for consumer, industrial and automotive applications

→ Over 20 22FDX® MPW tape-outs since 2016

→ Achieved World Record energy efficiency with Racyics ABX® Platform IP

→ Fully compliant design services with ISO 9001 and ISO 26262

Design Services

Specification	Design	Verification	Custom IP
Architecture	Synthesis	Place & Route	EMIR
Sales & Marketing	DFT & ATPG	Foundry	Sign-Off

Package and Validation

OSAT

Firmware

■ Customer ■ Racyics

Racyics offers execution of all major design tasks of advanced node SoC project. Turnkey design projects with flexible entry/exit model based on Racyics in-house or customers design environment are possible

→ Adaptive Body Bias IP for GLOBALFOUNDRIES 22FDX®
→ Adaptive leakage power reduction under automotive conditions
→ Silicon proven, robust and patented adaptive body bias solution
→ ISO 26262 automotive functional safety grade

Racyics ABX Platform