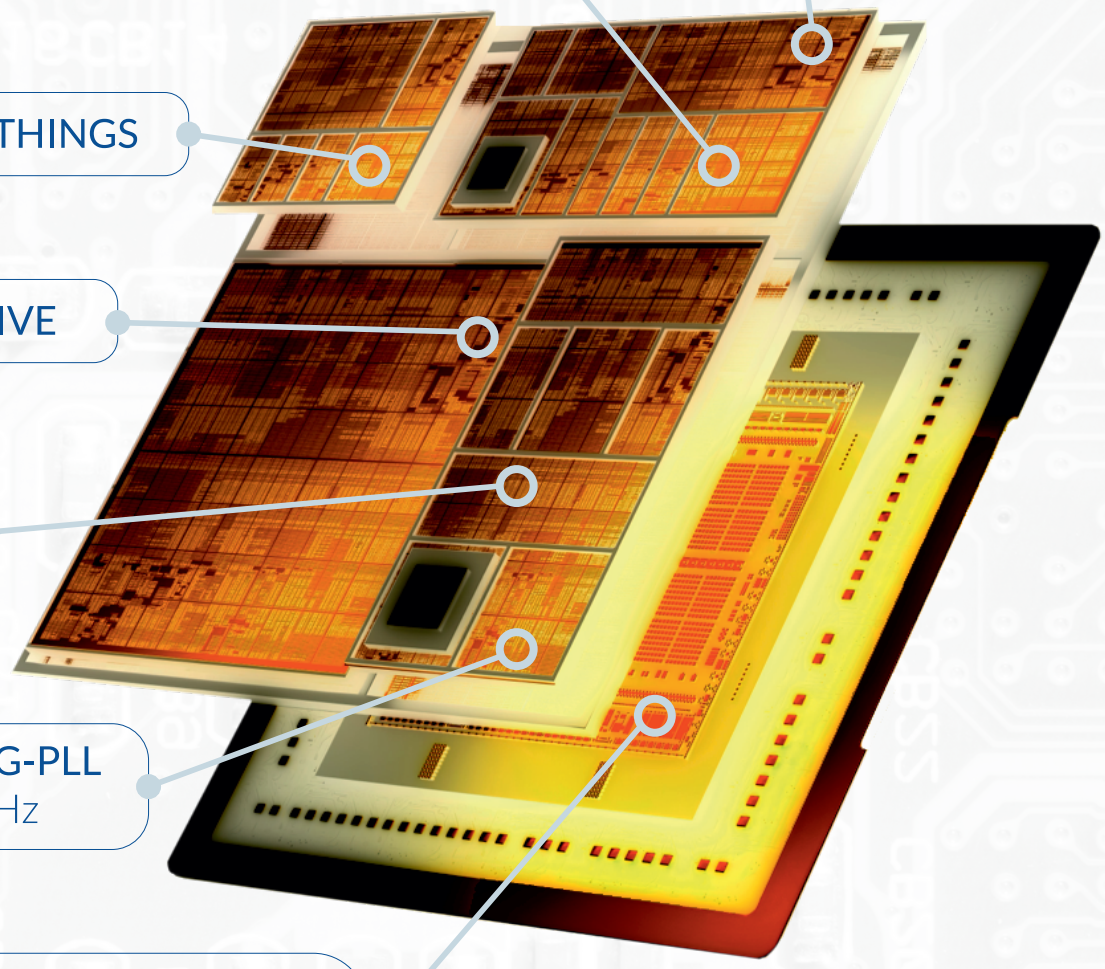
Silicon Creations

LOW POWER MOBILE SoC

ON-CHIP CLOCK DISTRIBUTION

INTERNET OF THINGS

AUTOMOTIVE



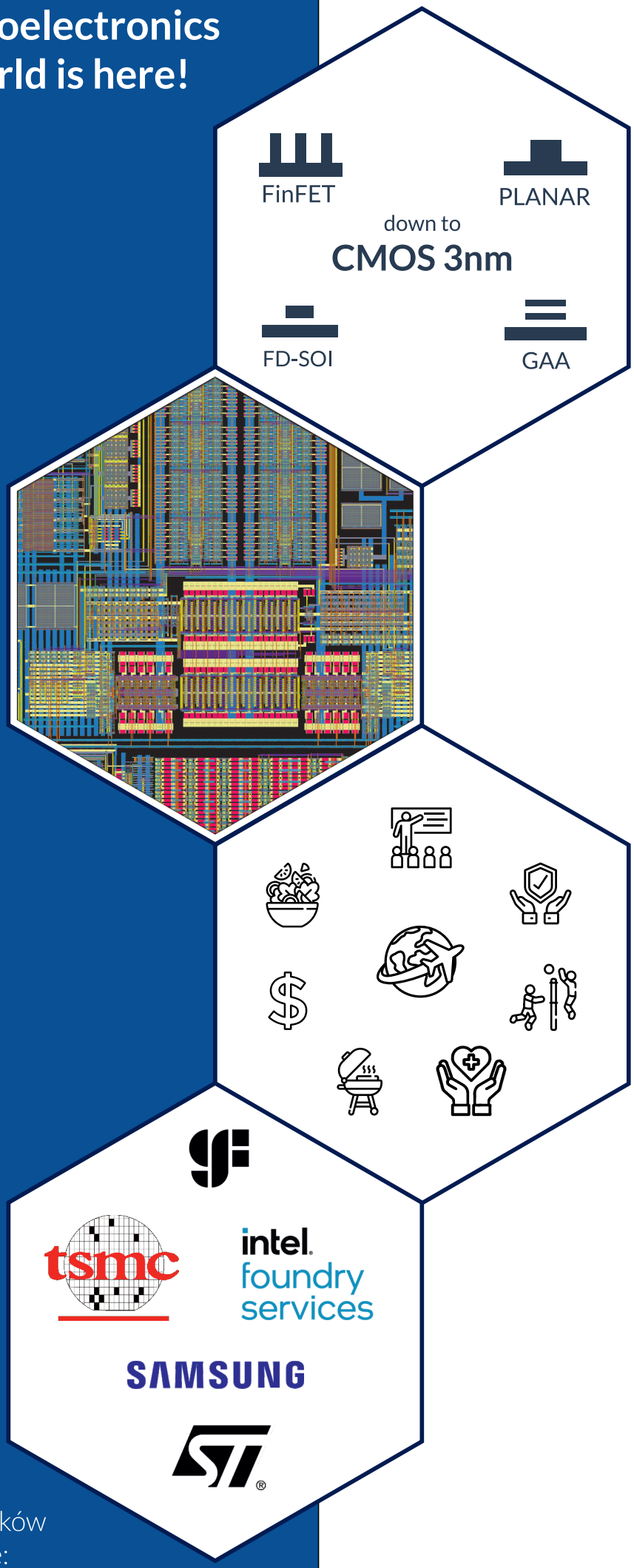
DDR/LPDDR
PCIe

LC-PLL & RING-PLL
up to 18GHz

MULTI-PROTOCOL
SERDES
32Gbps and more

Majority of World's
TOP 50 INTEGRATED CIRCUITS
companies work with us!

Microelectronics world is here!



Jobs in Kraków
Apply Here:
hrpl@siliconcr.com

Hardware Verification & Validation Engineer

- multidisciplinary, hardware-engineering tasks
- high-speed digital design
- high-end measurement equipment
- PCB & Systems design
  (Altium Designer / Keysight ADS)
- Signal Integrity, Power Integrity
- debugging, testing and reporting
- MATLAB/Python/Git/SCPI/FPGA

Analog & Mixed-Signal Layout Design Engineer

- developing layout of integrated circuits
- post-layout simulation & verification
- product-related documentation
- product development & maintenance
- customer support
- Silvaco Expert/Cadence Virtuoso

Mixed-Signal Design Engineer

- simulation of the mixed-signal circuits
- test plans and testbenches
- analysis & visualization of simulation results
- SPICE, scripting, Python
- Silvaco Gateway

Digital Design/Verification Engineer

- generation & verification of Verilog behavioral models
- design & verification of RTL blocks
- scripting infrastructure & verification metholodogies
- supporting industry-leading customers
- Verilog/SystemVerilog
- Perl/Python/Bash

IP Library Characterization Engineer

- development of timing model libraries of PLL/SerDes/LVDS products
- development of internal characterization flow
- design of verification methodologies
- customer support
- analysis & visualization
- SPICE
- Python/Perl/Bash/TCL

Physical Design Engineer

- Full chip integration
- Synthesis, Floorplanning, Place&Route, Tape-out
- Timing analyses
- Perl/Python/Bash/TCL

Automotive Functional Safety Engineer

- ISO26262
- reliability analysis
- FMEDA, FTA, FIT
- safety manual & documentation
- Perl/Matlab/Verilog/Python