

moschip®

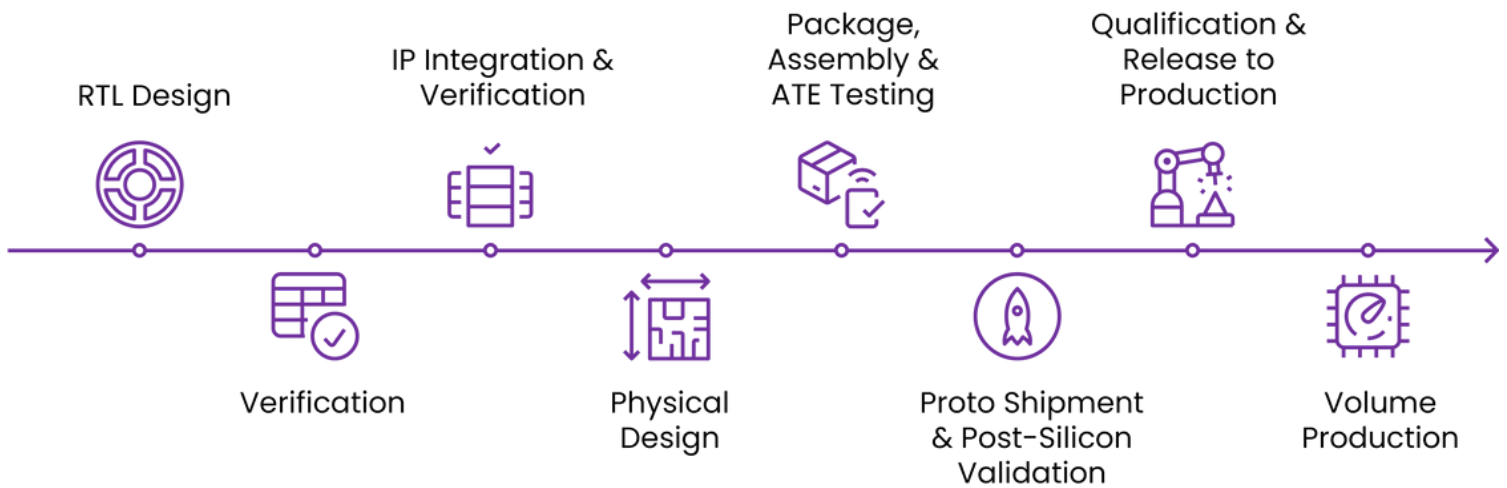
Silicon Engineering Services

From consumer electronics to automotive systems, from industrial automation to high-performance computing, the demand for powerful, efficient, and reliable chips is greater than ever. Our Silicon Engineering Services – Turnkey ASIC, Silicon Design, and IP services, bring together deep domain expertise, experience on technology nodes from 180nm to 2nm, proven methodologies, and cutting-edge tools to deliver first-time right silicon across various industry domains.

What sets us apart is our ability to craft silicon that is purpose-built for success, merging deep design expertise with a clear focus on performance, manufacturability, and market impact.

Silicon Engineering Services Offerings

Turnkey ASIC – Full Cycle ASIC Execution



Design Services – Structured, Scalable, Silicon-Proven

Analog Design

- High-speed, low-power circuits
- Custom ADCs/DACs, power & clock management, PLLs

Analog Layout

- Technology-aware layout with DRC/LVS compliance
- High-speed SerDes, power management, I/O cells, data converters, RF, memory, and clock generators

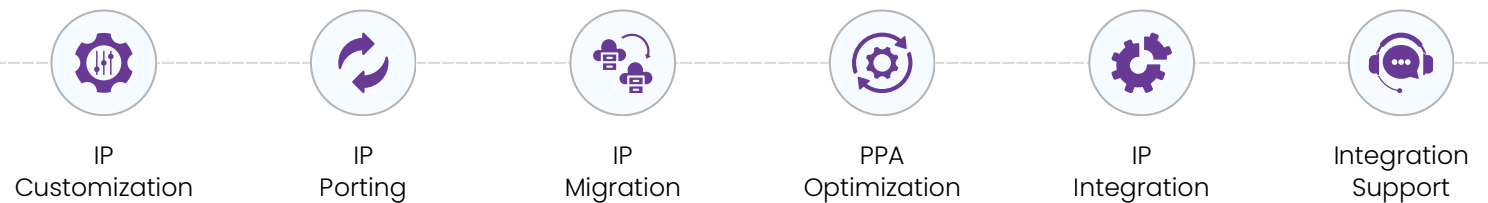
RTL Design & Verification

- Architecture to synthesizable RTL
- IP to SoC level verification, SV/UVM based environments and coverage closure






Synthesis / DFT / Physical Design

- Multi-corner STA and place & route through sign-off
- Scan chain insertion & ATPG, MBIST, ATPG and DFT sign-off


IP Services – Porting to SoC Integration



Why MosChip?

				
First Indian Fabless Company – Publicly Listed	600+ Tapeouts	Expertise on 180nm to 2nm process nodes	Complex chip designs extending to 100Mn.+ gates	TSMC DCA Partner

Get in Touch

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 www.moschip.com

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