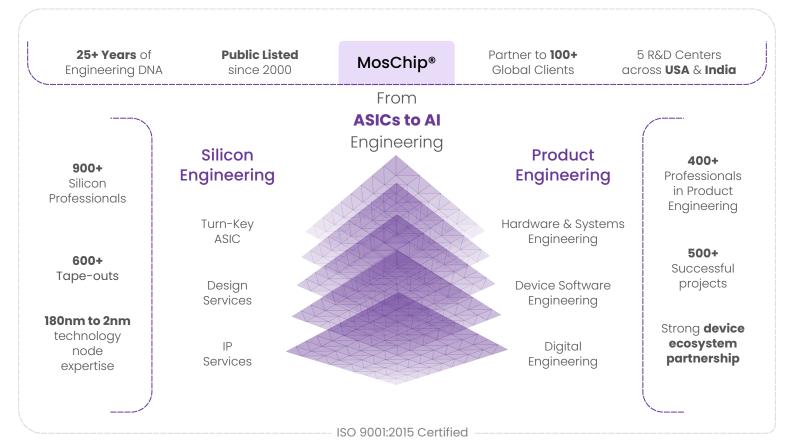# ASICs to AI
Engineering

MosChip® Technologies partners with leading global enterprises and technology innovators, providing comprehensive silicon and product engineering services. Leveraging over 25 years of expertise in chip design, hardware engineering, embedded software, cloud computing, and AI solutions, we empower clients to build next-generation intelligent products and solutions that drive transformative change across industries.

25+ **Years** of Engineering DNA

Public Listed since 2000

Partner to **100+** Global Clients

5 R&D Centers across **USA** & **India**

From **ASICs to AI** Engineering

Silicon Engineering

900+ Silicon Professionals

600+ Tape-outs

180nm to 2nm technology node expertise

Turn-Key ASIC

Design Services

IP Services

Product Engineering

Hardware & Systems Engineering

Device Software Engineering

Digital Engineering

400+ Professionals in Product Engineering

500+ Successful projects

Strong **device ecosystem partnership**

ISO 9001:2015 Certified

Consumer, Medical & Smart Living

- Smart Appliances and Connected Home Hubs (Android, AOSP)
- Voice-assist, wearables & Health devices (RTOS, BLE, Wi-Fi)
- Edge AI, ML, Gen AI, UX+ Mobile App Co-development
- Home automation platforms with Embedded AI + Control Stacks

Industrial & Energy Systems

- IoT Platform development & enhancement, Edge controllers, Vision systems, Telemetry gateways
- Automation, Real-time analytics, ML-assisted diagnostics
- Energy meter firmware and BMS solutions
- IO Link, CAN, Modbus, OPC-UA protocols + OTA rollout tools

Automobile & Mobility

- HMI Development & Gen AI augmentation
- IVI & digital cockpit platforms (Android/Linux)
- Functional Safety: ISO 26262
- Secure OTA frameworks, Diagnostics, and telematics integration

Semiconductors, System Platforms & OEMs

- Reference platforms for Semiconductors, OEMs and SoC vendors
- Device enablement kits and BSPs (ARM, RISC-V, Custom platforms)
- Embedded Solution Stack-SDKs
- Accelerators for DevKits, EVKs, and HW validation

7 *Reasons why MosChip can be your ideal engineering partner!*

1 Engineering DNA

Decades of expertise in Silicon Design & Product Engineering Services.

2 AI-Infused Systems Thinking

From sensor to edge inference to GenAI-enhanced UX - we build intelligence into every layer.

3 Device-Proximal Engineering

Firmware, drivers, BSPs, and RTOS - we go deep into systems that most firms treat as black boxes.

4 Strong system Integration Discipline

We seamlessly design the handshakes: hardware ↔ firmware ↔ application ↔ cloud.

5 Acceleration+Scale +Field Readiness

Agile pods, proven accelerators, and robust architectures engineered for compliance, long-term reliability, and faster go-to-market.

6 Deep Ecosystem Ties

Active engineering engagements with all major FPGA vendors and over 60% of the world's top 20 semiconductor companies.

7 Trusted by Industry Leaders

Strategic partner to many Fortune 500 and high-growth OEMs, delivering on their product roadmap.

Key Partnerships & Alliances

MICROCHIP FPGA DESIGN PARTNER   AMD XILINX   LATTICE SEMICONDUCTOR

TSMC   InnoPhase IoT   RENESAS   tenstorrent

CEVA   brainchip   SECURE-IC THE SECURITY SCIENCE COMPANY   MOVELLUS™

Memberships

IESA   Design & Reuse   anysilicon   UCIe Universal Chiplet Interconnect Express

Ranked #13 among Top 15 Midsized Companies in India 2025
- By LinkedIn

Ranked #245 in Asia-Pacific Top 500 High growth companies
– By Financial Times & Statista.com

Semiconductor Design Award 2024 - **Excellence in Electronics**
– By EE Times

Partner Par Excellence Award 2024
– By Qualcomm

World-Class VLSI & Embedded Training Academy

MOSCHIP
ACADEMY OF
SILICON SYSTEMS
& TECHNOLOGIES

MAST
GETTING THE STUDENTS INDUSTRY READY!

MosChip Academy of Silicon Systems & Technologies Private Limited (MAST)

(Formerly known as MosChip Institute of Silicon Systems Private Limited (M-ISS))

World-class Tech Infra

Industry Expert led Trainings

300+ Seating Capacity

Cutting-Edge Labs

State-of-the-art Acoustics

Growth & Personal Development Programs

| Analog Layout | Design Verification | Physical Design | Embedded Systems |

Whether you're building custom silicon or scaling intelligent systems, MosChip is your trusted partner from ASICs to AI Engineering.

Let's co-engineer the future together.