MOSCHIP

Date: 12th June, 2023

To
General Manager - Listing
The Department of Corporate Services – CRD
BSE Ltd,
PJ Towers, Dalal Street,
Mumbai – 400 001.

Dear Sir/Madam,

Sub: Submission of Investor Presentation

Ref: Scrip Code: 532407

****

Pursuant to Regulation 30 of the SEBI (listing Obligations & Disclosure Requirements) Regulations, 2015, please find the enclosed herewith Investor Presentation about the business of the Company.

The aforesaid presentation is also made available on Companys website https://moschip.com/company-announcements/

Kindly take the above information on your records.

Thanking you,

Yours faithfully,
For MosChip Technologies Limited,

_____
CS Suresh Bachalakura
Company Secretary

CONNECTING THE WORLD

Silicon | Systems | IoT

MosChip Technologies Limited
Investor Presentation

Overview

Established in 1999, with 20+ years of expertise.

Developed and shipped millions of connectivity ASICs over the years

Focused on Product Engineering in Mixed signal IP, Turnkey ASICs, Semiconductors, Embedded and IoT solutions

1200+ engineers spread across Silicon valley - USA, Hyderabad, Bangalore, Pune & Ahmadabad

Domain expertise in IoT, Consumer, Networking & Telecommunications, Handheld, Storage, Edge Applications etc.

Board of Directors

Mr. Venkata Sudhakar Simhadri
MD & CEO

Mr. K. Pradeep Chandra
Independent Director

Mr. Damodar Rao Gummadapu
Non-Executive Director

Mr. D.G. Prasad
Independent Director

Mrs. Madhurika Nalluri Venkat
Independent Director

Mr. Rajeev Krishnamoorthy
Independent Director

MosChip Management Team

Business Units

MOSCHIP

Semiconductors

Embedded System Design & IoT Engineering

Semiconductor IP	Semiconductor Design Services	Turn-key ASIC	Product / System Design	Embedded Software	IOT Products

Semiconductor IP
- Digital IP
- Verification IP
- SerDes IP
- ADC / DAC IP
- PLL IP

Semiconductor Design Services
- RTL design & verification Services
- Analog layout services
- Physical design services

Turn-key ASIC
- RTL to Volume Production
- Working relationship with leading fabs
- Successful track record

Product / System Design
- High Speed Product & System Design
- Platform Designs with FPGA, SoC & ASIC's
- DFM / DFA, & EMS
- Platform Bring-up & Validation

Embedded Software
- OS Porting & Board Support Package
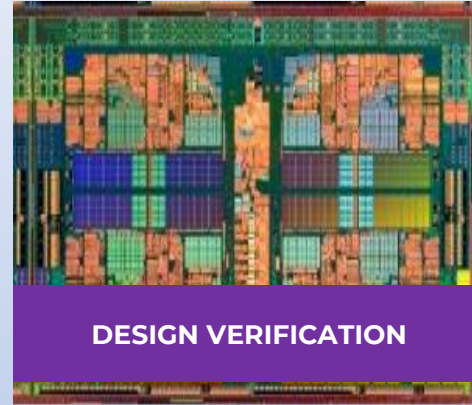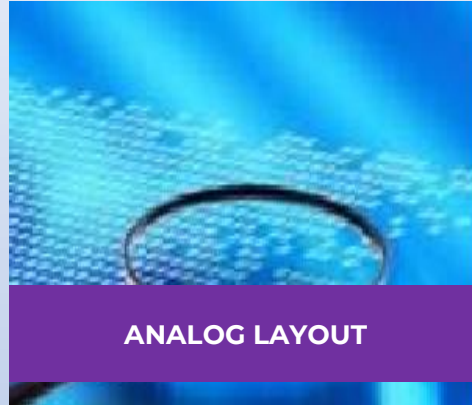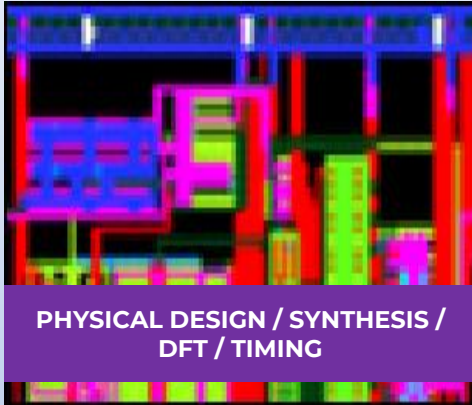- Device Drivers – Bare metal, OS
- Software Integration
- Software Testing
- Software maintenance/ support

IOT Products
- Smart Street Lighting
- Asset Monitoring
- Telematics

ISO 9001:2015 certification for SoC design, development, assembly, and supply and services of semiconductors, software, systems and IoT products and Provisions for Training Courses on Semiconductor Devises

Services Offered

PHYSICAL DESIGN / SYNTHESIS / DFT / TIMING

ANALOG LAYOUT

DESIGN VERIFICATION

- **800 +** VLSI Engineers
- **3.0+ Million** Engineering Hours Delivered
- **100+** ASIC tape-outs with 100% first pass silicon success
- **Engagement Model:** ODC | T&M | Turnkey

- Achieved "**first-pass silicon success**" across **100+ ASIC** tape outs

- Expertise ranging from **500nm** to the latest **5/6/7 /10 /14 /16 nm FinFET & SOI process nodes**

- Very strong **RTL Design, Design Verification, Physical Design, Analog Design, and Analog Layout** team with over 15 years of average experience in the senior team

- Engaged in complex chip designs extending to **100+ million gates**

- Highest level of training & experience on state-of-the-art technologies
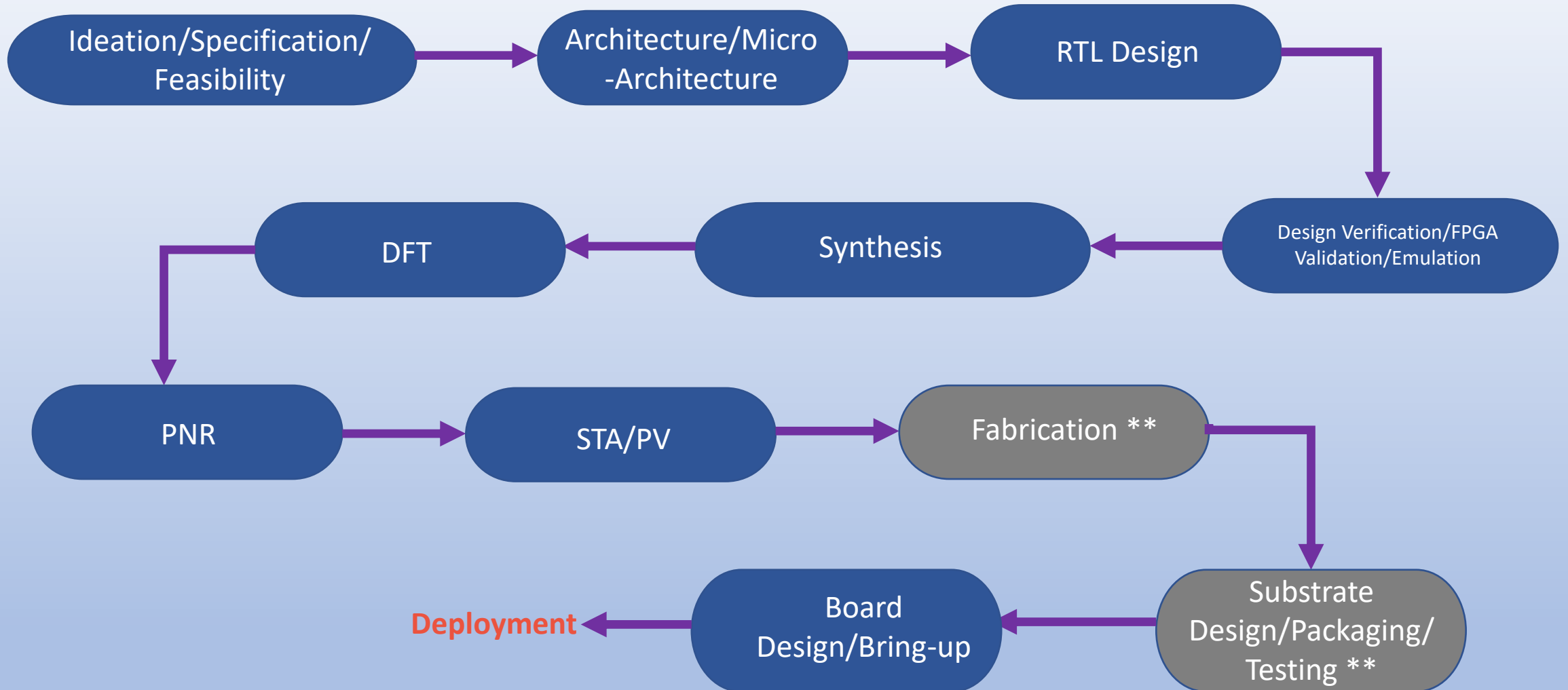
Overview of Embedded Systems Group

MosChip offers various Embedded Product Design Services such as:

- **Embedded Product Design**: Turn-key solutions with System Design, Software Development, FPGA Integration, Bring-up, Validation & Manufacturing / Production Enablement

- **Embedded System Software Development**: BSP / OS Porting, Device Drivers, Integration, Bring-up, Validation & Maintenance with Version Control

- **Complex & High-Speed System Design**: System Architecture / Schematic Design, PCB Layout, SI / PI / Thermal Sims, Bring-up, Validation, Design updates with Version Control, Prototyping   and Manufacturing

- **IoT Product Development**: For Street Lighting Solutions, Asset Monitoring / Telematics

400+ Engineers

- 20+ Years Track Record in Embedded Software Development & System Design

- Enabling solutions from Concept > POC > Production > Field Enablement

- Flexible engagement models in catering to Semiconductors, Defence, Medical, Storage, Computing, Consumer & IoT Product Segments

- Proven workflow of multiple designs with different Clients at different geo-graphic locations & product segments

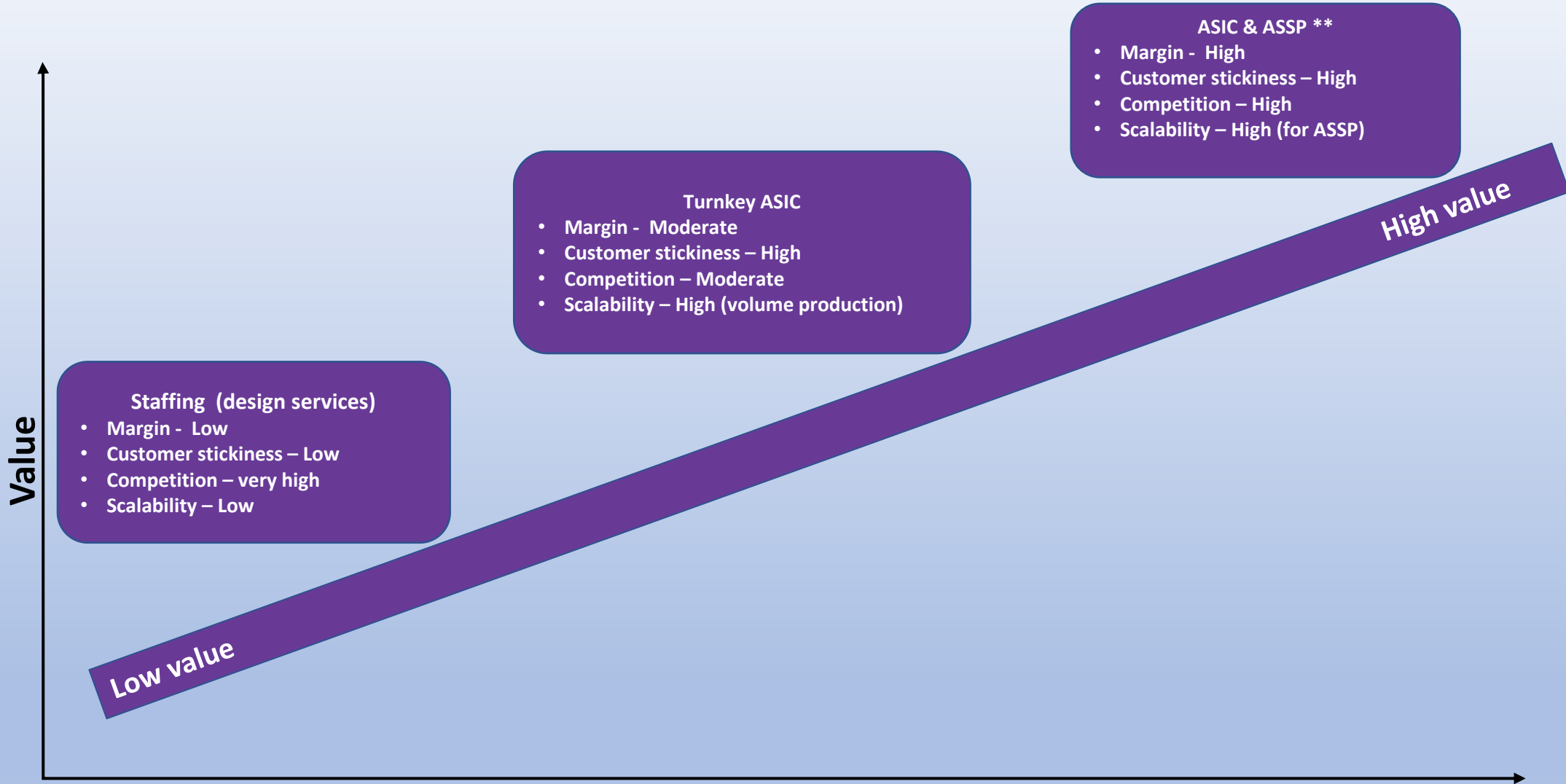- Engineering Partners for Indian Defence Labs

Chip Design Cycle

Items marked in Blue forms part of MosChip core competence.
** This will be executed through Global Alliance (MosChip has TSMC DCA membership)

ECO System Partners

Semiconductor industry value chain

ASIC & ASSP **
- Margin - High
- Customer stickiness – High
- Competition – High
- Scalability – High (for ASSP)

Turnkey ASIC
- Margin - Moderate
- Customer stickiness – High
- Competition – Moderate
- Scalability – High (volume production)

Staffing (design services)
- Margin - Low
- Customer stickiness – Low
- Competition – very high
- Scalability – Low

High value

Low value

Value

Difficulty

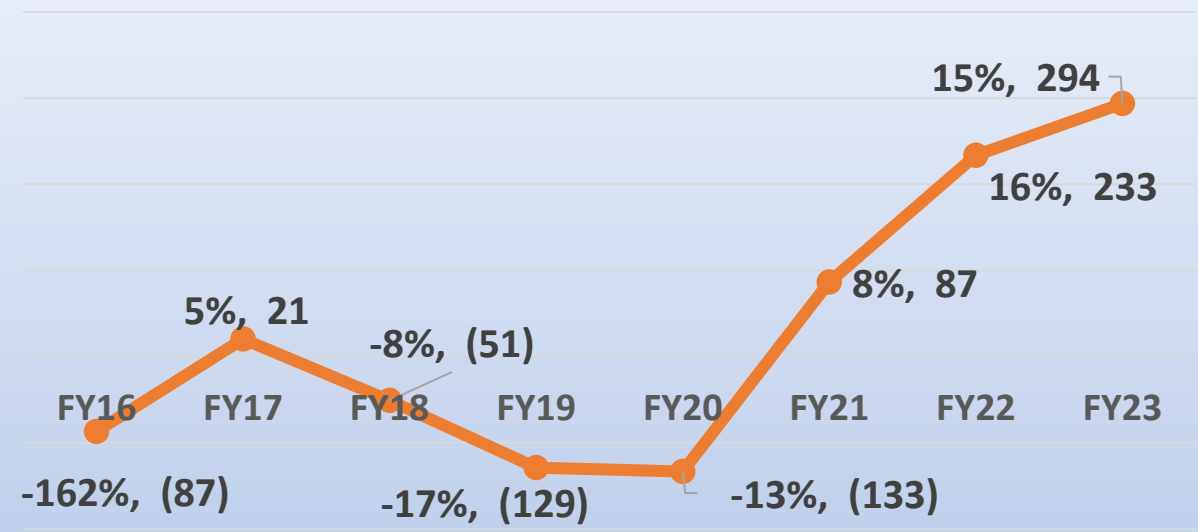- ** ASSP – Application specific standard products
- Above slide demonstrates the options available to semiconductor design services company, Low value business to high value business

11

Financial performance

Revenue

- 54 (FY16)
- 376 (FY17)
- 602 (FY18)
- 748 (FY19)
- 993 (FY20)
- 1,052 (FY21)
- 1,476 (FY22)
- 1,984 (FY23)

EBITDA in Mns

- -162%, (87) (FY16)
- 5%, 21 (FY17)
- -8%, (51) (FY18)
- -17%, (129) (FY19)
- -13%, (133) (FY20)
- 8%, 87 (FY21)
- 16%, 233 (FY22)
- 15%, 294 (FY23)

- Restructuring measures along with operational changes, over the last few years, have yielded positive results.

- Poised to be part of emerging opportunities by continuing to focus on its inherent strengths in services, Turnkey solutions, AI,IP & Emerging RISC-V platform

MosChip Competitive Strength

- First Publicly listed Semiconductor Company in India with a proven track record in taking products to volume production

- Silicon proven high speed interface IP

- Strong Leadership and global partnerships.

- 1200+ engineers across various skillset.

- Lab and R&D space to work on next generation technology requirements.

- Strong relationship with IP and EDA tools vendors. (Cadence, Mentor, Synopsys).

- MosChip is member of Design Center Alliance (DCA) of TSMC, this enables us to have access to leading technology at TSMC.

- State of Art Innovation Centre to train 500+ engineers per annum in various VLSI and Embedded skill set.

MosChip Recent Acquisition

- MosChip has recently acquired Softnautics Inc, a California based company with a focus on Product Engineering Solutions in Embedded, FPGA and VLSI

- Softnautics has established strong customer relationships with top-tier companies across North America and will add 185+ employees to current MosChip talent pool across various domains

- 100% of the revenues are denominated in USD with USA based Customers.

- This acquisition will also expand our geographical presence with office in Hyderabad, Bangalore, Pune, and Ahmadabad besides further augmenting presence in North America, which will result in broader access to talent pool.

- Expansion in Tier II cities (Geographical diversification) – this might stabilize our attrition rate.

- Accretive to gross, operating margins and free cash flow generation starting from first year with Head count of 185.

- Purchase consideration $ 17.25 Mn, which consists of 52.65% of shares and 47.35% of Cash.

The government of India had approved $10 billion (Rs 76,000 Crore) incentive to build semiconductor ecosystem in India, this has created a huge opportunity for indigenous semiconductor companies.

With the overall Indian economy size reaching USD 3.1 trillion and with a target of reaching USD 5.0 trillion by FY26. This growth will be predominantly dominated by manufacturing through reengineering by adopting cutting edge technology, these necessarily calls for a high demand for Semiconductor ASIC solutions for a faster growth – MosChip can play an important role.

THANK YOU

Disclaimer:

Certain Statements in this presentation concerning our future growth prospects are forward-looking statements, which involve a number of risks and uncertainties that could cause actual results to differ materially from those in such forward-looking statements. The risks and uncertainties relating to these statements include, but are not limited to, risks and uncertainties regarding fluctuations in earnings, intense competition, political instability and general economic conditions affecting our industry. The company does not undertake to update any forward-looking statement that may be made from time to time by or on behalf of the Company.