Systems on Silicon Manufacturing Company Pte Ltd

IMPROVING
THE LIVES WE TOUCH
with every silicon chip we make

SSMC

SSMC (Systems on Silicon Manufacturing Company Pte. Ltd.), is a Joint Venture between NXP B.V. (NXP) and Taiwan Semiconductor Manufacturing Company Ltd (TSMC).
The core business of SSMC is Semiconductor wafer fabrication. Here in SSMC, we use state of the art tools to manufacture and supply silicon chips all around the world!

WHAT WE DO

As we journey towards a digital world, SSMC's chips will continue to be integral in all important applications that will enhance our standard of living and support technologies that modernize our business and lifestyles!

HERE IN SSMC

We help shape the world into a more Connected, Integrated & Intelligent one.

WEARABLE TECH & DEVICES

Bring technology closer to you

AUTOMOTIVE

Supporting the future of driver-less technology

PUBLIC TRANSPORT

Smart mobility, the future of transportation

INTERNET OF THINGS

A smarter home,
A smarter nation

E-SECURITY

Travel safely and connveniently, we help to bring you there

CAREER & INTERNSHIP OPPORTUNITIES

DISCOVER YOUR PASSION & TAKE FLIGHT WITH US!

	Mechanical Engineering	Electrical Electronics Engineering	Chemical Engineering	Materials Science Engineering	Manufacturing Engineering	Physics/ Applied Science	Computer Science Engineering
Manufacturing Engineer	✔	✔	✔	✔	✔	✔	✔
Process/ Equipment Engineer	✔	✔	✔	✔	✔	✔	
Process Integration Engineer		✔	✔	✔		✔	
Technology Development Engineer		✔	✔	✔		✔	
Product & Test Engineer		✔		✔		✔	
Quality & Reliability Assurance Engineer		✔	✔	✔		✔	
IT & A Engineer		✔					✔
Internship	✔	✔	✔	✔	✔	✔	✔

ROLES IN SSMC

TECHNOLOGY DEVELOPMENT ENGINEER

Business Creation - Identifying and Developing the technology that drives the needs of our customers.

MANUFACTURING ENGINEER

Lead & motivate a team of supervisors and operators to achieve daily production targets, quality, delivery and cycle time.

PRODUCT & TEST ENGINEER

Performing qualification of product prior to product release. The process involves combining Electrical Data Analysis with Physical Failure Analysis.

PROCESS/ EQUIPMENT ENGINEER

Process/ Equipment Engineers improve wafer yields through robust in line process or equipment control. They work closely with Process Integration Engineers to improve wafer yield productivity.

PROCESS INTEGRATION ENGINEER

Integration of processes across the 4 modules in order to develop a functional, reliable and yieldable product. Responsible for Defect Detection and Wafer Acceptance Testing.

QUALITY & RELIABILITY ASSURANCE ENGINEER

Responsible for setting up control charts and limits for various process parameters across the wafer fab to ensure that SSMC constantly maintains the utmost quality standard to our customers - from production to delivery.

IT & A ENGINEER

Provide infrastructure and application support to the whole organization and constantly involved in real-time Advanced Equipment Automation Projects.

READY TO HELP BUILD A DIGITAL WORLD?

We are constantly looking for individuals who want to make a difference, love taking on challenges and have the ambition to succeed!

www.ssmc.com/Joinus

GET IN TOUCH WITH US NOW!

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