



# CERTIFICATE



This is to certify that

## Taiwan Semiconductor Manufacturing Company Ltd.

Corporate Headquarters and Fab. 12A  
8, Li-Hsin Rd. 6, Hsinchu Science Park  
Hsinchu 300-78  
Taiwan, R.O.C.

has implemented and maintains a **Quality Management System**.

Scope:

The design of IP/Library and the associated manufacture of Integrated Circuits.

An audit, conducted and documented in a report, has verified that this quality management system fulfills the requirements of the following International Automotive Standard:

## IATF 16949:2016

(with product design)

Certificate registration no.	20002969 IATF16
Main certificate registration no.	20002969 IATF16
Issuing date	2017-08-07
This certificate is valid until	2020-08-06
IATF No.	0271049



### For and on behalf of DQS

Nurani S. Venkatachalam  
Corporate Program Manager Automotive, DQS Holding GmbH

Michael Drechsel  
Managing Director, DQS Holding GmbH



**Annex to certificate registration no.: 20002969 IATF16  
IATF-No.: 0271049**

**Taiwan Semiconductor  
Manufacturing Company Ltd.**



Corporate Headquarters and Fab. 12A  
8, Li-Hsin Rd. 6, Hsinchu Science Park  
Hsinchu 300-78  
Taiwan, R.O.C.

<b>Extended Manufacturing Site</b>	<b>Scope</b>
<b>20002967</b> <b>Taiwan Semiconductor</b> <b>Manufacturing Company Ltd.</b> <b>Fab 2 and Fab 5</b> 121, Park Ave. 3 Hsinchu Science Park Hsinchu 300-77 Taiwan, R.O.C.	Supplemental manufacturing.
<b>50600046</b> <b>Taiwan Semiconductor</b> <b>Manufacturing Company Ltd.</b> <b>Fab 3</b> 9, Creation Rd. 1 Hsinchu Science Park Hsinchu 300-77 Taiwan, R.O.C.	Supplemental manufacturing.
<b>20002965</b> <b>Taiwan Semiconductor</b> <b>Manufacturing Company Ltd.</b> <b>Fab 6</b> 1, Nan-Ke North Rd. Tainan Science Park Tainan 741-44 Taiwan, R.O.C.	Supplemental manufacturing.
<b>50600048</b> <b>Taiwan Semiconductor</b> <b>Manufacturing Company Ltd.</b> <b>Fab 8</b> 25, Li-Hsin Rd. Hsinchu Science Park Hsinchu 300-78 Taiwan, R.O.C.	Supplemental manufacturing.
<b>20002970</b> <b>Taiwan Semiconductor</b> <b>Manufacturing Company Ltd.</b> <b>TSMC R&amp;D Center, Fab 12B</b> 168, Park Ave. II Hsinchu Science Park Hsinchu 300-75 Taiwan, R.O.C.	Supplemental manufacturing.



**Annex to certificate registration no.: 20002969 IATF16  
IATF-No.: 0271049**

**Taiwan Semiconductor  
Manufacturing Company Ltd.**



Corporate Headquarters and Fab. 12A  
8, Li-Hsin Rd. 6, Hsinchu Science Park  
Hsinchu 300-78  
Taiwan, R.O.C.

<b>Extended Manufacturing Site</b>	<b>Scope</b>
<b>20002968</b> <b>Taiwan Semiconductor Manufacturing Company Ltd.</b> <b>Fab 14</b> 1-1, Nan-Ke North Rd. Tainan Science Park Tainan 741-44 Taiwan, R.O.C.	Supplemental manufacturing.
<b>20006804</b> <b>Taiwan Semiconductor Manufacturing Company Ltd.</b> <b>Fab 15</b> 1, Keya Rd. 6 Central Taiwan Science Park Taichung 428-82 Taiwan, R.O.C.	Supplemental manufacturing.
<b>20002966</b> <b>Taiwan Semiconductor Manufacturing Company Ltd.</b> <b>Advanced Backend Fab 1</b> 6, Creation Rd. II Hsinchu Science Park Hsinchu 300-77 Taiwan, R.O.C.	Supplemental manufacturing.
<b>50600052</b> <b>Taiwan Semiconductor Manufacturing Company Ltd.</b> <b>Advanced Backend Fab 2</b> 1-1, Nan-Ke North Rd. Tainan Science Park Tainan 741-44 Taiwan, R.O.C.	Supplemental manufacturing.

<b>Remote Location</b>	<b>Scope</b>
<b>50600090</b> <b>TSMC North America</b> 2851, Junction Avenue, San Jose CA 95134 U.S.A.	Sales, Contract Review.

This annex (edition: 2017-08-07 ) is only valid in connection with the above-mentioned certificate.



# CERTIFICATE

This is to certify that

## **TSMC (China) Company Limited, (Fab 10)**

4000, Wen Xiang Road, Songjiang  
Shanghai 201616  
China

has implemented and maintains a **Quality Management System**.

Scope:

The design of IP/Library and the associated manufacture of Integrated Circuits.

An audit, conducted and documented in a report, has verified that this quality management system fulfills the requirements of the following International Automotive Standard:

## **IATF 16949:2016**

(with product design)

Certificate registration no.	20003351 IATF16
Main certificate registration no.	20002969 IATF16
Issuing date	2017-08-07
This certificate is valid until	2020-08-06
IATF No.	0270989



### **For and on behalf of DQS**

Nurani S. Venkatachalam  
Corporate Program Manager Automotive, DQS Holding GmbH

Michael Drechsel  
Managing Director, DQS Holding GmbH



**Annex to certificate registration no.: 20003351 IATF16**  
**IATF-No.: 0270989**

**TSMC (China) Company Limited, (Fab 10)**

4000, Wen Xiang Road, Songjiang  
Shanghai 201616  
China



**Remote Location**

**Scope**

**20002969**  
**Taiwan Semiconductor**  
**Manufacturing Company Ltd.**  
Corporate Headquarters and Fab. 12A  
8, Li-Hsin Rd. 6, Hsinchu Science Park  
Hsinchu 300-77  
Taiwan R.O.C.

Strategic planning, Sales, Contract Review,  
Customer Service, Purchasing, R & D., Quality  
system management, Management Review,  
Internal audit management