



# CERTIFICATE



This is to certify that

## Taiwan Semiconductor Manufacturing Company Ltd.

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

IATF USI TEY69S

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

Scope:

The design and 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	2023-07-03
This certificate is valid until	2026-07-02
IATF No.	0478045



### For and on behalf of DQS

Nurani S. Venkatachalam  
Director-Corporate Automotive Program, DQS Holding GmbH

Michael Drechsel  
Managing Director, DQS Holding GmbH





**Annex to certificate registration no.: 20002969 IATF16**  
**IATF-No.: 0478045**

## **Taiwan Semiconductor Manufacturing Company Ltd.**



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

IATF USI TEY69S

### **Remote Location**

### **Scope**

#### **20002967**

**Taiwan Semiconductor  
Manufacturing Company Ltd.**  
Fab 2 and Fab 5, 121, Park Ave. 3  
Hsinchu Science Park  
Hsinchu 300-77  
Taiwan, R.O.C.

Information technology, Laboratory, Process design, Purchasing, Supplier management.

#### **50600046**

**Taiwan Semiconductor  
Manufacturing Company Ltd.**  
Fab 3, 9, Creation Rd. 1  
Hsinchu Science Park  
Hsinchu 300-77  
Taiwan, R.O.C.

Continuous improvement, Customer services, Internal audit management, Process design.

#### **20002970**

**Taiwan Semiconductor  
Manufacturing Company Ltd.**  
Fab 12B, 168, Park Ave. II  
Hsinchu Science Park  
Hsinchu 300-75  
Taiwan, R.O.C.

Calibration, Facilities Management, R&D, Product design. Purchasing

#### **20006804**

**Taiwan Semiconductor  
Manufacturing Company Ltd.**  
Fab 15, 1, Keya Rd. 6  
Central Taiwan Science Park  
Taichung 428-82  
Taiwan, R.O.C.

Laboratory.



**Annex to certificate registration no.: 20002969 IATF16**  
**IATF-No.: 0478045**

**Taiwan Semiconductor  
Manufacturing Company Ltd.**



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

IATF USI TEY69S

**Remote Location**

**Scope**

**20002966**  
**Taiwan Semiconductor  
Manufacturing Company Ltd.**  
Advanced Backend Fab 1  
6, Creation Rd. II  
Hsinchu Science Park  
Hsinchu 300-77  
Taiwan, R.O.C.

Supplier management, Testing.

**50600052**  
**Taiwan Semiconductor  
Manufacturing Company Ltd.**  
Advanced Backend Fab 2  
1-1, Nan-Ke North Rd.  
Tainan Science Park  
Tainan 741-44  
Taiwan, R.O.C.

Testing.

**50600090**  
**TSMC North America**  
2851, Junction Avenue  
San Jose, CA 95134  
U.S.A.

Sales, Contract Review.



# CERTIFICATE



This is to certify that

## Taiwan Semiconductor Manufacturing Company Ltd.

Fab 12B, 168, Park Ave. II  
Hsinchu Science Park  
Hsinchu 300-75  
Taiwan, R.O.C.

IATF USI YEYL65

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

Scope:

The design and 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.	20002970 IATF16
Main certificate registration no.	20002969 IATF16
Issuing date	2023-07-03
This certificate is valid until	2026-07-02
IATF No.	0478050



### For and on behalf of DQS

Nurani S. Venkatachalam  
Director-Corporate Automotive Program, DQS Holding GmbH

Michael Drechsel  
Managing Director, DQS Holding GmbH





**Annex to certificate registration no.: 20002970 IATF16**  
**IATF-No.: 0478050**

## **Taiwan Semiconductor Manufacturing Company Ltd.**



Fab 12B, 168, Park Ave. II  
Hsinchu Science Park  
Hsinchu 300-75  
Taiwan, R.O.C.

IATF USI YEYL65

### **Remote Location**

### **Scope**

**20002969**

**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.

Contract review, Customer services, Management review, Marketing, Quality system management, Sales, Strategic planning, Training, Warehousing.

**20002967**

**Taiwan Semiconductor  
Manufacturing Company Ltd.**  
Fab 2 and Fab 5, 121, Park Ave. 3  
Hsinchu Science Park  
Hsinchu 300-77  
Taiwan, R.O.C.

Information technology, Laboratory, Process design, Purchasing, Supplier management.

**50600046**

**Taiwan Semiconductor  
Manufacturing Company Ltd.**  
Fab 3, 9, Creation Rd. 1  
Hsinchu Science Park  
Hsinchu 300-77  
Taiwan, R.O.C.

Continuous improvement, Customer services, Internal audit management, Process design

**20006804**

**Taiwan Semiconductor  
Manufacturing Company Ltd.**  
Fab 15, 1, Keya Rd. 6  
Central Taiwan Science Park  
Taichung 428-82  
Taiwan, R.O.C.

Laboratory.



**Annex to certificate registration no.: 20002970 IATF16**  
**IATF-No.: 0478050**

**Taiwan Semiconductor  
Manufacturing Company Ltd.**



Fab 12B, 168, Park Ave. II  
Hsinchu Science Park  
Hsinchu 300-75  
Taiwan, R.O.C.

IATF USI YEYL65

**Remote Location**

**Scope**

**20002966**  
**Taiwan Semiconductor  
Manufacturing Company Ltd.**  
Advanced Backend Fab 1  
6, Creation Rd. II  
Hsinchu Science Park  
Hsinchu 300-77  
Taiwan, R.O.C.

Supplier management, Testing.

**50600052**  
**Taiwan Semiconductor  
Manufacturing Company Ltd.**  
Advanced Backend Fab 2  
1-1, Nan-Ke North Rd.  
Tainan Science Park  
Tainan 741-44  
Taiwan, R.O.C.

Testing.



# CERTIFICATE



This is to certify that

## Taiwan Semiconductor Manufacturing Company Ltd.

Fab 14, 1-1, Nan-Ke North Rd.  
Tainan Science Park  
Tainan 741-44  
Taiwan, R.O.C.

IATF USI YEYTT2

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

Scope:

The design and 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.	20002968 IATF16
Main certificate registration no.	20002969 IATF16
Issuing date	2023-07-03
This certificate is valid until	2026-07-02
IATF No.	0478114



### For and on behalf of DQS

Nurani S. Venkatachalam  
Director-Corporate Automotive Program, DQS Holding GmbH

Michael Drechsel  
Managing Director, DQS Holding GmbH





**Annex to certificate registration no.: 20002968 IATF16**  
**IATF-No.: 0478114**

## **Taiwan Semiconductor Manufacturing Company Ltd.**



Fab 14, 1-1, Nan-Ke North Rd.  
Tainan Science Park  
Tainan 741-44  
Taiwan, R.O.C.

IATF USI YEYTT2

### **Remote Location**

### **Scope**

#### **20002969**

**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.

Contract review, Customer services, Management review, Marketing, Quality system management, Sales, Strategic planning, Training.

#### **20002967**

**Taiwan Semiconductor  
Manufacturing Company Ltd.**  
Fab 2 and Fab 5, 121, Park Ave. 3  
Hsinchu Science Park  
Hsinchu 300-77  
Taiwan, R.O.C.

Information technology, Laboratory, Process design, Purchasing, Supplier management.

#### **50600046**

**Taiwan Semiconductor  
Manufacturing Company Ltd.**  
Fab 3, 9, Creation Rd. 1  
Hsinchu Science Park  
Hsinchu 300-77  
Taiwan, R.O.C.

Continuous improvement, Customer services, Internal audit management, Process design.

#### **20002965**

**Taiwan Semiconductor  
Manufacturing Company Ltd.**  
Fab 6, 1, Nan-Ke North Rd.  
Tainan Science Park  
Tainan 741-44  
Taiwan, R.O.C.

Facility management.





**Annex to certificate registration no.: 20002968 IATF16**  
**IATF-No.: 0478114**

## **Taiwan Semiconductor Manufacturing Company Ltd.**



Fab 14, 1-1, Nan-Ke North Rd.  
Tainan Science Park  
Tainan 741-44  
Taiwan, R.O.C.

IATF USI YEYTT2

### **Remote Location**

### **Scope**

#### **20002970**

#### **Taiwan Semiconductor Manufacturing Company Ltd.**

Fab 12B, 168, Park Ave. II  
Hsinchu Science Park  
Hsinchu 300-75  
Taiwan, R.O.C.

Calibration, R&D, Product design.

#### **20006804**

#### **Taiwan Semiconductor Manufacturing Company Ltd.**

Fab 15, 1, Keya Rd. 6  
Central Taiwan Science Park  
Taichung 428-82  
Taiwan, R.O.C.

Laboratory.

#### **20002966**

#### **Taiwan Semiconductor Manufacturing Company Ltd.**

Advanced Backend Fab 1  
6, Creation Rd. II  
Hsinchu Science Park  
Hsinchu 300-77  
Taiwan, R.O.C.

Supplier management, Testing.

#### **50600052**

#### **Taiwan Semiconductor Manufacturing Company Ltd.**

Advanced Backend Fab 2  
1-1, Nan-Ke North Rd.  
Tainan Science Park  
Tainan 741-44  
Taiwan, R.O.C.

Testing.



# CERTIFICATE



This is to certify that

## Taiwan Semiconductor Manufacturing Company Ltd.

Fab 15, 1, Keya Rd. 6  
Central Taiwan Science Park  
Taichung 428-82  
Taiwan, R.O.C.

IATF USI TEYXMY

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

Scope:

The design and 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.	20006804 IATF16
Main certificate registration no.	20002969 IATF16
Issuing date	2023-07-03
This certificate is valid until	2026-07-02
IATF No.	0477973



### For and on behalf of DQS

Nurani S. Venkatachalam  
Director-Corporate Automotive Program, DQS Holding GmbH

Michael Drechsel  
Managing Director, DQS Holding GmbH





**Annex to certificate registration no.: 20006804 IATF16**  
**IATF-No.: 0477973**

## **Taiwan Semiconductor Manufacturing Company Ltd.**



Fab 15, 1, Keya Rd. 6  
Central Taiwan Science Park  
Taichung 428-82  
Taiwan, R.O.C.

IATF USI TEYXMY

### **Remote Location**

### **Scope**

**20002969**

**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.

Contract review, Customer services, Management review, Marketing, Quality system management, Sales, Strategic planning, Training.

**20002967**

**Taiwan Semiconductor  
Manufacturing Company Ltd.**  
Fab 2 and Fab 5, 121, Park Ave. 3  
Hsinchu Science Park  
Hsinchu 300-77  
Taiwan, R.O.C.

Information technology, Laboratory, Process design, Purchasing, Supplier management.

**50600046**

**Taiwan Semiconductor  
Manufacturing Company Ltd.**  
Fab 3, 9, Creation Rd. 1  
Hsinchu Science Park  
Hsinchu 300-77  
Taiwan, R.O.C.

Continuous improvement, Customer services, Internal audit management, Process design.

**20002970**

**Taiwan Semiconductor  
Manufacturing Company Ltd.**  
Fab 12B, 168, Park Ave. II  
Hsinchu Science Park  
Hsinchu 300-75  
Taiwan, R.O.C.

Calibration, R&D, Product design.



**Annex to certificate registration no.: 20006804 IATF16**  
**IATF-No.: 0477973**

**Taiwan Semiconductor  
Manufacturing Company Ltd.**



Fab 15, 1, Keya Rd. 6  
Central Taiwan Science Park  
Taichung 428-82  
Taiwan, R.O.C.

IATF USI TEYXMY

**Remote Location**

**Scope**

**20002966**  
**Taiwan Semiconductor  
Manufacturing Company Ltd.**  
Advanced Backend Fab 1  
6, Creation Rd. II  
Hsinchu Science Park  
Hsinchu 300-77  
Taiwan, R.O.C.

Supplier management, Testing.

**50600052**  
**Taiwan Semiconductor  
Manufacturing Company Ltd.**  
Advanced Backend Fab 2  
1-1, Nan-Ke North Rd.  
Tainan Science Park  
Tainan 741-44  
Taiwan, R.O.C.

Testing.



# CERTIFICATE



This is to certify that

## Taiwan Semiconductor Manufacturing Company Ltd.

Fab 2 and Fab 5, 121, Park Ave. 3  
Hsinchu Science Park  
Hsinchu 300-77  
Taiwan, R.O.C.

IATF USI PEYARL

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

Scope:

The design and 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.	20002967 IATF16
Main certificate registration no.	20002969 IATF16
Issuing date	2023-07-03
This certificate is valid until	2026-07-02
IATF No.	0478048



### For and on behalf of DQS

Nurani S. Venkatachalam  
Director-Corporate Automotive Program, DQS Holding GmbH

Michael Drechsel  
Managing Director, DQS Holding GmbH





## Annex to certificate registration no.: 20002967 IATF16

IATF-No.: Fehler! Verweisquelle konnte nicht gefunden werden.

### Taiwan Semiconductor Manufacturing Company Ltd.



Fab 2 and Fab 5, 121, Park Ave. 3  
Hsinchu Science Park  
Hsinchu 300-77  
Taiwan, R.O.C.

IATF USI PEYARL

#### Remote Location

#### Scope

##### 20002969

**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.

Contract review, Customer services, Management review, Marketing, Quality system management, Sales, Strategic planning, Training, Warehousing.

##### 50600046

**Taiwan Semiconductor  
Manufacturing Company Ltd.**  
Fab 3, 9, Creation Rd. 1  
Hsinchu Science Park  
Hsinchu 300-77  
Taiwan, R.O.C.

Continuous improvement, Customer services, Internal audit management, Process design.

##### 20002970

**Taiwan Semiconductor  
Manufacturing Company Ltd.**  
Fab 12B, 168, Park Ave. II  
Hsinchu Science Park  
Hsinchu 300-75  
Taiwan, R.O.C.

Calibration, Facility management, Purchasing, R&D, Product design.

##### 20006804

**Taiwan Semiconductor  
Manufacturing Company Ltd.**  
Fab 15, 1, Keya Rd. 6  
Central Taiwan Science Park  
Taichung 428-82  
Taiwan, R.O.C.

Laboratory.



## Annex to certificate registration no.: 20002967 IATF16

IATF-No.: Fehler! Verweisquelle konnte nicht gefunden werden.

### Taiwan Semiconductor Manufacturing Company Ltd.



Fab 2 and Fab 5, 121, Park Ave. 3  
Hsinchu Science Park  
Hsinchu 300-77  
Taiwan, R.O.C.

IATF USI PEYARL

#### Remote Location

#### Scope

**20002966**

**Taiwan Semiconductor  
Manufacturing Company Ltd.**

Advanced Backend Fab 1  
6, Creation Rd. II  
Hsinchu Science Park  
Hsinchu 300-77  
Taiwan, R.O.C.

Supplier management, Testing.

**50600052**

**Taiwan Semiconductor  
Manufacturing Company Ltd.**

Advanced Backend Fab 2  
1-1, Nan-Ke North Rd.  
Tainan Science Park  
Tainan 741-44  
Taiwan, R.O.C.

Testing.



# CERTIFICATE



This is to certify that

## Taiwan Semiconductor Manufacturing Company Ltd.

Fab 3, 9, Creation Rd. 1  
Hsinchu Science Park  
Hsinchu 300-77  
Taiwan, R.O.C.

IATF USI TEYAG3

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

Scope:

The design and 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.	50600046 IATF16
Main certificate registration no.	20002969 IATF16
Issuing date	2023-07-03
This certificate is valid until	2026-07-02
IATF No.	0477976



### For and on behalf of DQS

Nurani S. Venkatachalam  
Director-Corporate Automotive Program, DQS Holding GmbH

Michael Drechsel  
Managing Director, DQS Holding GmbH







**Annex to certificate registration no.: 50600046 IATF16**  
**IATF-No.: 0477976**

## **Taiwan Semiconductor Manufacturing Company Ltd.**



Fab 3, 9, Creation Rd. 1  
Hsinchu Science Park  
Hsinchu 300-77  
Taiwan, R.O.C.

IATF USI TEYAG3

### **Remote Location**

### **Scope**

#### **20002969**

#### **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.

Contract review, Customer services, Management review, Marketing, Quality system management, Sales, Strategic planning, Training, Warehousing.

#### **20002967**

#### **Taiwan Semiconductor Manufacturing Company Ltd.**

Fab 2 and Fab 5, 121, Park Ave. 3  
Hsinchu Science Park  
Hsinchu 300-77  
Taiwan, R.O.C.

Information technology, Laboratory, Process design, Purchasing, Supplier management.

#### **20002970**

#### **Taiwan Semiconductor Manufacturing Company Ltd.**

Fab 12B, 168, Park Ave. II  
Hsinchu Science Park  
Hsinchu 300-75  
Taiwan, R.O.C.

Calibration, Facility management, Purchasing, R&D, Product design.

#### **20006804**

#### **Taiwan Semiconductor Manufacturing Company Ltd.**

Fab 15, 1, Keya Rd. 6  
Central Taiwan Science Park  
Taichung 428-82  
Taiwan, R.O.C.

Laboratory.



**Annex to certificate registration no.: 50600046 IATF16**  
**IATF-No.: 0477976**

**Taiwan Semiconductor  
Manufacturing Company Ltd.**



Fab 3, 9, Creation Rd. 1  
Hsinchu Science Park  
Hsinchu 300-77  
Taiwan, R.O.C.

IATF USI TEYAG3

**Remote Location**

**Scope**

**20002966**  
**Taiwan Semiconductor  
Manufacturing Company Ltd.**  
Advanced Backend Fab 1  
6, Creation Rd. II  
Hsinchu Science Park  
Hsinchu 300-77  
Taiwan, R.O.C.

Supplier management, Testing.

**50600052**  
**Taiwan Semiconductor  
Manufacturing Company Ltd.**  
Advanced Backend Fab 2  
1-1, Nan-Ke North Rd.  
Tainan Science Park  
Tainan 741-44  
Taiwan, R.O.C.

Testing.



# CERTIFICATE



This is to certify that

## Taiwan Semiconductor Manufacturing Company Ltd.

Fab 6, 1, Nan-Ke North Rd.  
Tainan Science Park  
Tainan 741-44  
Taiwan, R.O.C.

IATF USI LEYFY6

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

Scope:

The design and 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.	20002965 IATF16
Main certificate registration no.	20002969 IATF16
Issuing date	2023-07-03
This certificate is valid until	2026-07-02
IATF No.	0478124



### For and on behalf of DQS

Nurani S. Venkatachalam  
Director-Corporate Automotive Program, DQS Holding GmbH

Michael Drechsel  
Managing Director, DQS Holding GmbH





**Annex to certificate registration no.: 20002965 IATF16**  
**IATF-No.: 0478124**

## **Taiwan Semiconductor Manufacturing Company Ltd.**



Fab 6, 1, Nan-Ke North Rd.  
Tainan Science Park  
Tainan 741-44  
Taiwan, R.O.C.

IATF USI LEYFY6

### **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.

Contract review, Customer services, Management review, Marketing, Quality system management, Sales, Strategic planning, Training.

#### **20002967**

**Taiwan Semiconductor  
Manufacturing Company Ltd.**  
Fab 2 and Fab 5, 121, Park Ave. 3  
Hsinchu Science Park  
Hsinchu 300-77  
Taiwan, R.O.C.

Information technology, Laboratory, Process design, Purchasing, Supplier management.

#### **50600046**

**Taiwan Semiconductor  
Manufacturing Company Ltd.**  
Fab 3, 9, Creation Rd. 1  
Hsinchu Science Park  
Hsinchu 300-77  
Taiwan, R.O.C.

Continuous improvement, Customer services, Internal audit management, Process design.

#### **20002970**

**Taiwan Semiconductor  
Manufacturing Company Ltd.**  
Fab 12B, 168, Park Ave. II  
Hsinchu Science Park  
Hsinchu 300-75  
Taiwan, R.O.C.

Calibration, R&D, Product design.



**Annex to certificate registration no.: 20002965 IATF16**  
**IATF-No.: 0478124**

## **Taiwan Semiconductor Manufacturing Company Ltd.**



Fab 6, 1, Nan-Ke North Rd.  
Tainan Science Park  
Tainan 741-44  
Taiwan, R.O.C.

IATF USI LEYFY6

### **Remote Location**

### **Scope**

#### **20002968**

**Taiwan Semiconductor  
Manufacturing Company Ltd.**  
Fab 14, 1-1, Nan-Ke North Rd.  
Tainan Science Park  
Tainan 741-44  
Taiwan, R.O.C.

Continuous improvement, Purchasing,  
Warehousing.

#### **20006804**

**Taiwan Semiconductor  
Manufacturing Company Ltd.**  
Fab 15, 1, Keya Rd. 6  
Central Taiwan Science Park  
Taichung 428-82  
Taiwan, R.O.C.

Laboratory.

#### **20002966**

**Taiwan Semiconductor  
Manufacturing Company Ltd.**  
Advanced Backend Fab 1  
6, Creation Rd. II  
Hsinchu Science Park  
Hsinchu 300-77  
Taiwan, R.O.C.

Supplier management, Testing.

#### **50600052**

**Taiwan Semiconductor  
Manufacturing Company Ltd.**  
Advanced Backend Fab 2  
1-1, Nan-Ke North Rd.  
Tainan Science Park  
Tainan 741-44  
Taiwan, R.O.C.

Testing.



# CERTIFICATE



This is to certify that

## Taiwan Semiconductor Manufacturing Company Ltd.

Fab 8, 25, Li-Hsin Rd.  
Hsinchu Science Park  
Hsinchu 300-77  
Taiwan, R.O.C.

IATF USI TEYLTN

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

Scope:

The design and 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.	50600048 IATF16
Main certificate registration no.	20002969 IATF16
Issuing date	2023-07-03
This certificate is valid until	2026-07-02
IATF No.	0478126



### For and on behalf of DQS

Nurani S. Venkatachalam  
Director-Corporate Automotive Program, DQS Holding GmbH

Michael Drechsel  
Managing Director, DQS Holding GmbH





**Annex to certificate registration no.: 50600048 IATF16**  
**IATF-No.: 0478126**

## **Taiwan Semiconductor Manufacturing Company Ltd.**



Fab 8, 25, Li-Hsin Rd.  
Hsinchu Science Park  
Hsinchu 300-77  
Taiwan, R.O.C.

IATF USI TEYLTN

### **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.

Contract review, Customer services, Management review, Marketing, Quality system management, Strategic planning, Training, Warehousing.

**20002967**

**Taiwan Semiconductor  
Manufacturing Company Ltd.**  
Fab 2 and Fab 5, 121, Park Ave. 3  
Hsinchu Science Park  
Hsinchu 300-77  
Taiwan, R.O.C.

Laboratory, Process design, Purchasing, Supplier management.

**50600046**

**Taiwan Semiconductor  
Manufacturing Company Ltd.**  
Fab 3, 9, Creation Rd. 1  
Hsinchu Science Park  
Hsinchu 300-77  
Taiwan, R.O.C.

Continuous improvement, Customer services, Internal audit management, Process design.

**20002970**

**Taiwan Semiconductor  
Manufacturing Company Ltd.**  
Fab 12B, 168, Park Ave. II  
Hsinchu Science Park  
Hsinchu 300-75  
Taiwan, R.O.C.

Calibration, Facility management, Purchasing, R&D, Product design.



**Annex to certificate registration no.: 50600048 IATF16**  
**IATF-No.: 0478126**

## **Taiwan Semiconductor Manufacturing Company Ltd.**



Fab 8, 25, Li-Hsin Rd.  
Hsinchu Science Park  
Hsinchu 300-77  
Taiwan, R.O.C.

IATF USI TEYLTN

### **Remote Location**

### **Scope**

**20006804**

**Taiwan Semiconductor  
Manufacturing Company Ltd.**

Fab 15, 1, Keya Rd. 6  
Central Taiwan Science Park  
Taichung 428-82  
Taiwan, R.O.C.

Laboratory.

**20002966**

**Taiwan Semiconductor  
Manufacturing Company Ltd.**

Advanced Backend Fab 1  
6, Creation Rd. II  
Hsinchu Science Park  
Hsinchu 300-77  
Taiwan, R.O.C.

Supplier management, Testing.

**50600052**

**Taiwan Semiconductor  
Manufacturing Company Ltd.**

Advanced Backend Fab 2  
1-1, Nan-Ke North Rd.  
Tainan Science Park  
Tainan 741-44  
Taiwan, R.O.C.

Testing.





# CERTIFICATE



This is to certify that

## Taiwan Semiconductor Manufacturing Company Ltd.

Advanced Backend Fab 1  
6, Creation Rd. II  
Hsinchu Science Park  
Hsinchu 300-77  
Taiwan, R.O.C.

IATF USI PFY6TE

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

Scope:

The design and 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.	20002966 IATF16
Main certificate registration no.	20002969 IATF16
Issuing date	2023-07-06
This certificate is valid until	2026-07-05
IATF No.	0478226



### For and on behalf of DQS

Nurani S. Venkatachalam  
Director-Corporate Automotive Program, DQS Holding GmbH

Michael Drechsel  
Managing Director, DQS Holding GmbH





**Annex to certificate registration no.: 20002966 IATF16**  
**IATF-No.: 0478226**

## **Taiwan Semiconductor Manufacturing Company Ltd.**



Advanced Backend Fab 1  
6, Creation Rd. II  
Hsinchu Science Park  
Hsinchu 300-77  
Taiwan, R.O.C.

IATF USI PFY6TE

### **Remote Location**

### **Scope**

**20002969**

**Taiwan Semiconductor  
Manufacturing Company Ltd.**

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

Contract review, Customer services, Management review, Marketing, Quality system management, Sales, Strategic planning, Training, Warehousing.

**20002967**

**Taiwan Semiconductor  
Manufacturing Company Ltd.**

Fab 2 and Fab 5, 121, Park Ave. 3  
Hsinchu Science Park  
Hsinchu 300-77  
Taiwan, R.O.C.

Information technology, Laboratory, Process design, Purchasing, Supplier management.

**50600046**

**Taiwan Semiconductor  
Manufacturing Company Ltd.**

Fab 3, 9, Creation Rd. 1  
Hsinchu Science Park  
Hsinchu 300-77  
Taiwan, R.O.C.

Continuous improvement, Customer services, Internal audit management, Process design.

**20002970**

**Taiwan Semiconductor  
Manufacturing Company Ltd.**

Fab 12B, 168, Park Ave. II  
Hsinchu Science Park  
Hsinchu 300-75  
Taiwan, R.O.C.

Calibration, Facility management, Purchasing, R&D, product design.



**Annex to certificate registration no.: 20002966 IATF16**  
**IATF-No.: 0478226**

## **Taiwan Semiconductor Manufacturing Company Ltd.**



Advanced Backend Fab 1  
6, Creation Rd. II  
Hsinchu Science Park  
Hsinchu 300-77  
Taiwan, R.O.C.

IATF USI PFY6TE

### **Remote Location**

### **Scope**

**2006804**

**Taiwan Semiconductor  
Manufacturing Company Ltd.**  
Fab 15, 1, Keya Rd. 6  
Central Taiwan Science Park  
Taichung 428-82  
Taiwan, R.O.C.

Laboratory.

**5060052**

**Taiwan Semiconductor  
Manufacturing Company Ltd.**  
Advanced Backend Fab 2  
1-1, Nan-Ke North Rd.  
Tainan Science Park  
Tainan 741-44  
Taiwan, R.O.C.

Testing.



# CERTIFICATE



This is to certify that

## Taiwan Semiconductor Manufacturing Company Ltd.

Advanced Backend Fab 2  
1-1, Nan-Ke North Rd.  
Tainan Science Park  
Tainan 741-44  
Taiwan, R.O.C.

IATF USI GFYGWR

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

Scope:

The design and 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.	50600052 IATF16
Main certificate registration no.	20002969 IATF16
Issuing date	2023-07-03
This certificate is valid until	2026-07-02
IATF No.	0477980



### For and on behalf of DQS

Nurani S. Venkatachalam  
Director-Corporate Automotive Program, DQS Holding GmbH

Michael Drechsel  
Managing Director, DQS Holding GmbH





**Annex to certificate registration no.: 50600052 IATF16**  
**IATF-No.: 0477980**

## **Taiwan Semiconductor Manufacturing Company Ltd.**



Advanced Backend Fab 2  
1-1, Nan-Ke North Rd.  
Tainan Science Park  
Tainan 741-44  
Taiwan, R.O.C.

IATF USI GFYGWR

### **Remote Location**

### **Scope**

**20002969**

**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.

Contract review, Customer services, Management review, Marketing, Quality system management, Sales, Strategic planning, Training.

**20002967**

**Taiwan Semiconductor  
Manufacturing Company Ltd.**  
Fab 2 and Fab 5, 121, Park Ave. 3  
Hsinchu Science Park  
Hsinchu 300-77  
Taiwan, R.O.C.

Information technology, Laboratory, Process design, Purchasing, Supplier management.

**50600046**

**Taiwan Semiconductor  
Manufacturing Company Ltd.**  
Fab 3, 9, Creation Rd. 1  
Hsinchu Science Park  
Hsinchu 300-77  
Taiwan, R.O.C.

Continuous improvement, Customer services, Internal audit management, Process design.

**20002965**

**Taiwan Semiconductor  
Manufacturing Company Ltd.**  
Fab 6, 1, Nan-Ke North Rd.  
Tainan Science Park  
Tainan 741-44  
Taiwan, R.O.C.

Facility management.



**Annex to certificate registration no.: 50600052 IATF16**  
**IATF-No.: 0477980**

## **Taiwan Semiconductor Manufacturing Company Ltd.**



Advanced Backend Fab 2  
1-1, Nan-Ke North Rd.  
Tainan Science Park  
Tainan 741-44  
Taiwan, R.O.C.

IATF USI GFYGWR

### **Remote Location**

### **Scope**

**20002970**

**Taiwan Semiconductor  
Manufacturing Company Ltd.**  
Fab 12B, 168, Park Ave. II  
Hsinchu Science Park  
Hsinchu 300-75  
Taiwan, R.O.C.

Calibration, R&D, Product design.

**20002968**

**Taiwan Semiconductor  
Manufacturing Company Ltd.**  
Fab 14, 1-1, Nan-Ke North Rd.  
Tainan Science Park  
Tainan 741-44  
Taiwan, R.O.C.

Purchasing, Warehousing.

**20006804**

**Taiwan Semiconductor  
Manufacturing Company Ltd.**  
Fab 15, 1, Keya Rd. 6  
Central Taiwan Science Park  
Taichung 428-82  
Taiwan, R.O.C.

Laboratory.

**20002966**

**Taiwan Semiconductor  
Manufacturing Company Ltd.**  
Advanced Backend Fab 1  
6, Creation Rd. II  
Hsinchu Science Park  
Hsinchu 300-77  
Taiwan, R.O.C.

Supplier management, Testing.



# CERTIFICATE



This is to certify that

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

4000, Wen Xiang Road, Songjiang  
Shanghai 201616  
China

IATF USI 65XYGM

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

Scope:

The design and 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	2023-12-11
This certificate is valid until	2026-12-10
IATF No.	0491811



### For and on behalf of DQS

Nurani S. Venkatachalam  
Director-Corporate Automotive Program, DQS Holding GmbH

Michael Drechsel  
Managing Director, DQS Holding GmbH





**Annex to certificate registration no.: 20003351 IATF16  
IATF-No.: 0491811**

**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.

**20002967**

**Taiwan Semiconductor  
Manufacturing Company Ltd.**  
Fab 2 and Fab 5, 121, Park Ave. 3  
Hsinchu Science Park  
Hsinchu 300-77  
Taiwan, R.O.C.

Laboratory, Purchasing, Supplier management.

**50600046**

**Taiwan Semiconductor  
Manufacturing Company Ltd.**  
Fab 3, 9, Creation Rd. 1  
Hsinchu Science Park  
Hsinchu 300-77  
Taiwan, R.O.C.

Internal audit management.

**20002970**

**Taiwan Semiconductor  
Manufacturing Company Ltd.**  
Fab 12B, 168, Park Ave. II  
Hsinchu Science Park  
Hsinchu 300-75  
Taiwan, R.O.C.

Product design, R&D.