Certificate No.：L1421-200619

財團法人全國認證基金會
Taiwan Accreditation Foundation

Certificate of Accreditation

This is to certify that

Advanced Semiconductor Engineering, Inc.
Kaohsiung Calibration Laboratory
No.26, Chin 3rd Rd., Nantze Export Processing Zone, Kaohsiung City 811, Taiwan (R.O.C.)

is accredited in respect of laboratory

Accreditation Criteria	：	ISO/IEC 17025:2017；CNS 17025:2018
Accreditation Number	：	1421
Originally Accredited	：	August 30, 2005
Effective Period	：	November 03, 2020 to November 02, 2023
Accredited Scope	：	Calibration Field, see described in the Appendix

Chung-Lin Wang
President, Taiwan Accreditation Foundation
Date：June 19, 2020

The Appendix forms an integral part of this Certificate, which shall be invalid when use without the Appendix

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Accreditation Number : 1421

Laboratory Head : KUO, Chun-Liang

Electricity

calibration items	working standard	calibration method	measurand level or range				measurement conditions /independent variable	smallest uncertainty	
	brand /model	document name /no.	minimum value	units	maximum value	units	explanation	value	units
KF1001 DCV Meter DCV Source	FLUKE 5520A KEYSIGHT 3458A	Customize DCV Calibration Procedure (Document No.: ACOP-01)	100	mV	100	mV		0.038	mV/V
			1	V	1	V		0.020	mV/V
			10	V	10	V		0.021	mV/V
			100	V	100	V		0.026	mV/V
			1000	V	1000	V		0.027	mV/V
KF1002 DCA Meter DCA Source	FLUKE 5520A KEYSIGHT 3458A	Customize DCA Calibration Procedure (Document No.: ACOP-02)	100	μA	100	μA		0.40	mA/A
			1	mA	1	mA		0.18	mA/A
			10	mA	10	mA		0.15	mA/A
			100	mA	100	mA		0.16	mA/A
			1	A	1	A		0.31	mA/A
KF1011 ACV Meter ACV Source	FLUKE 5520A KEYSIGHT 3458A	Customize ACV Calibration Procedure (Document No.: ACOP-03)	1	V	1	V	@1 kHz	0.32	mV/V
			10	V	10	V	@1 kHz	0.34	mV/V
			100	V	100	V	@1 kHz	0.40	mV/V
			700	V	700	V	@1 kHz	0.81	mV/V
KF1012 ACA Meter ACA Source	FLUKE 5520A KEYSIGHT 3458A	Customize ACA Calibration Procedure (Document No.: ACOP-04)	1	mA	1	mA	@1 kHz	1.5	mA/A
			10	mA	10	mA	@1 kHz	0.89	mA/A
			100	mA	100	mA	@1 kHz	0.90	mA/A
			1	A	1	A	@1 kHz	1.6	mA/A

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Note：Smallest uncertainty represents an expanded uncertainty using a coverage factor approximately 95 % level of confidence.

Approval Signatory

Approval Signatory	Scope
LI, Yin-Lan	KF1001, KF1002, KF1011, KF1012
HSIEH, Yi-Hsien	KF1001, KF1002, KF1011, KF1012

(Null Below)

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