

# **Greenhouse Gas Verification Opinion**

The inventory of Greenhouse Gas emissions in year 2023 of

# Delta Electronics, Inc.

186, Ruey Kuang Road., Neihu Dist., Taipei City 114501, Taiwan (R.O.C.)



has been verified in accordance with ISO 14064-3:2019 as meeting the requirements of

ISO 14064-1:2018

Direct emissions 26,283.5099 tonnes of CO<sub>2</sub>e Indirect emissions 7,624,240.0831 tonnes of CO<sub>2</sub>e Direct emissions and indirect emissions 7,650,523.593 tonnes of CO<sub>2</sub>e

Authorized by

opl

Stephen Pao Business Assurance Director Date: 28 April 2024

Version 1

TGP56B-15-1 2401 SGS Taiwan Ltd. No. 136-1, Wu Kung Road, New Taipei Industrial Park, Wu Ku District, New Taipei City 24803, Taiwan t (02) 22993279 f (02)22999453 www.sgs.com







The emission of each category is described as below:

Unit: tonnes of CO2e

Reporting Boundaries			Unit: tonnes of CO₂e  GHG Emissions	
Inventory categories Description			Location-based	Market-based
	Stationary combustion emissions		10,901	Research and the Construction of the Cons
Direct emissions		Mobile combustion emissions	1,942.8534	
		Industrial processes emissions	1,569	.8934
		Fugitive emissions emissions	11,868	.9258
		Land use emissions	0	.0000
	Imported energy	Indirect emissions from incoming electricity	462,913.7035	104,713.7774
	Imported energy	Indirect emissions from other energy	1,277	.7458
		Emissions from upstream transport and distribution of goods	106,539	.5091
	Transportation	Emissions from downstream transport and distribution of goods	127,802.9123	
		Emissions from employee commuting	58,457.1195	
		Emissions from business travel	10,386.9334	
	Products used by an organization	Emissions from purchased goods	1,911,406.2430	
Indirect emissions		Emissions from capital goods	446,583.7266	
Citilogiciio		Emissions from solid and liquid waste treatment	11,603.1168	
		Emissions from Asset Use	11.6548	
		Emission or removal during product use phase	4,135,353	.8943
	Associated with	Emissions from downstream leased assets	2,991.7469	
	the use of products from the	Emissions from end of life stage of the product	182,123.3947	
	organization	Emissions from investments	129,037.0104	
		Other	37,751	.3722
	Other sources	No quantified	2000 308100 2000 30810 2000 3080 5080 2000 2000 3080	-)



Reporting Boundaries			GHG Em	issions	
Inventory categories		Description	Location-based	Market-based	
Direct emissions	and indirect en	nissions	7,650,523.593	7,292,323.667	
	Purchased F	Renewable Energy Certificate	(s) Information		
0:1-111:	<b>T</b>	Renewable Energy	Imported ener	gy emissions	
Site/Location	Type	Source/Location	Location-based	Market-based	
Dolta Floatronica	T-REC	Biomass/Taiwan			
Delta Electronics, Inc.	GE	Solar, Wind, Hydro Power/Taiwan	47,865.7505	8,528.5757	
	T-REC	Biomass/Taiwan	12,844.6814	5,088.1646	
Taiwan Region	GE	Solar, Wind, Hydro Power/Taiwan			
China Dagian	I-REC	Hydro/Solar/Wind/China	244 420 0474	32,197.4727	
China Region	GE	Solar, Wind Power/China	311,130.0471		
South East Asia Region	I-REC	Solar, Hydro Power/Thailand	71,523.2629	44,727.2442	
India Region	I-REC	Solar Power/India	14,028.5799	13,404.8799	
North East Asia Region	GE	Solar Power/North East Asia	370.5218	0.0000	
EMEA D	I-REC	Biomass, Solar Power/EMEA		000 0004	
EMEA Region	GE	Mix Power/EMEA 3,569.21		936.6231	
Americas Region	I-REC	Hydro, Wind, Biomass Power/Americas	2,859.3884	1,108.5631	
9	GE	Mix Power/Americas		,	

The emission of each site is	Unit: tonnes of CO2e		
Site	Direct emissions	Indirect emissions	Total GHG emissions
Delta Electronics, Inc.	5,685.4560	53,823.7974	59,509.253
Taiwan Region	1,033.4593	4,499,050.9346	4,500,084.394
China Region	12,716.4223	318,924.1559	331,640.578
South East Asia Region	2,112.4880	215,911.0681	218,023.556
India Region	508.2463	17,839.8445	18,348.091
North East Asia Region	48.8419	454.2007	503.043



Site	Direct emissions	Indirect emissions	Total GHG emissions
EMEA Region	2,302.3430	46,941.5609	49,243.904
Americas Region	1,876.2530	8,247.9365	10,124.190

SGS, No. 136-1, Wu Kung Road, New Taipei Industrial Park, Wu Ku District, New Taipei City 24803, Taiwan, has been contracted by Delta Electronics, Inc. (hereinafter referred to as "DEI"), 186, Ruey Kuang Road., Neihu Dist., Taipei City 114501, Taiwan (R.O.C.) for the verification of direct and indirect Greenhouse Gas emissions in accordance with

### ISO 14064-3:2019

as provided by Delta Electronics, Inc. (hereinafter referred to as "DEI"), 186, Ruey Kuang Road., Neihu Dist., Taipei City 114501, Taiwan (R.O.C.), in the GHG Statement in the form of GHG report.

### Roles and responsibilities

- The management of DEI is responsible for the organization's GHG information system, the
  development and maintenance of records and reporting procedures in accordance with that
  system, including the calculation and determination of GHG emissions information and the
  reported GHG emissions.
- The verification was based on the verification scope, objectives and criteria as agreed between DEI and SGS on 13 November 2023.
- Verification Criteria: ISO 14064-1:2018, ISO 14064-3:2019
- Verification Period: 19 February 2024 to 10 April 2024.

### Scope

- GHG information for the following period was verified: 01 January 2023 to 31 December 2023
- Location/boundary of the activities: See appendix list.
- Types of GHGs included: CO<sub>2</sub>, CH<sub>4</sub>, N<sub>2</sub>O, HFCs, PFCs, SF<sub>6</sub>, NF<sub>3</sub>
- The IPCC 2021 AR6 GWP values are applied in this inventory.
- Emission factor:
  - o Direct emissions: Greenhouse Gas Emission Inventory Operation Guideline (2022.05).
  - o Indirect emissions:
    - Electricity emission factor:

Region		Electricity emission factor (kgCO <sub>2</sub> e/kWh)	Source
Taiwan	Taiwan		Announced by Bureau of Energy, Ministry of Economic Affairs in 2023
China	Northern China	0.9419	Announced by Department of Climate change, National Development and Reform Commission, China, in 2019



R	egion	Electricity emission factor (kgCO <sub>2</sub> e/kWh)	Source
	Northeast China	1.0826	Announced by Department of Climate change, National Development and Reform Commission, China, in 2019
	Eastern China	0.7921	Announced by Department of Climate change, National Development and Reform Commission, China, in 2019
	Central China	0.8587	Announced by Department of Climate change, National Development and Reform Commission, China, in 2019
	Northwest China	0.8922	Announced by Department of Climate change, National Development and Reform Commission, China, in 2019
	Southern China	0.8042	Announced by Department of Climate change, National Development and Reform Commission, China, in 2019
	Hong Kong	0.39	Announced by CLP Power Hong Kong Limited in 2023
	Thailand	0.4999	Announced by Thailand Greenhouse Gas Management Organization (TGO) in 2020
054	Singapore	0.4168	Announced by Singapore Energy Market Authority (EMA) in 2023
SEA	Myanmar	0.719	Announced by International Financial Institutions in 2022
	Philippines	0.672	Announced by International Financial Institutions in 2022
India	India	0.81	Central Electricity Authority emission factor, Issued on December 2022
	Japan	0.457	Announced by Tokyo Electric Power Company (TEPCO) in 2022
NEA	Japan - Kansai	0.311	Announced by the Kansai electric power Co., Inc. in 2023
	South Korea	0.4113	Climate Transparency Report 2022
	Croatia	0.51506	Association of Issuing Bodies (AIB) 2023
	Czech Republic	0.40000	European Environment Agency (EEA) 2023
	Finland	0.06600	European Environment Agency (EEA) 2023
	France	0.06800	European Environment Agency (EEA) 2023
EMEA	Germany	0.36600	European Environment Agency (EEA) 2023
	Italy	0.25200	European Environment Agency (EEA) 2023
	Netherlands	0.32100	European Environment Agency (EEA) 2023
	Norway	0.02500	European Environment Agency (EEA) 2023



Region		Electricity emission factor (kgCO <sub>2</sub> e/kWh)	Source
	Poland	0.66600	European Environment Agency (EEA) 2023
	Romania	0.24700	European Environment Agency (EEA) 2023
	Slovakia	0.11500	European Environment Agency (EEA) 2023
	Spain	0.20500	European Environment Agency (EEA) 2023
	Sweden	0.00700	European Environment Agency (EEA) 2023
	Switzerland	0.07000	Electricity Maps   Live 24/7 CO <sub>2</sub> emissions of electricity consumption
	United Kingdom	0.22524	2023 Government greenhouse gas conversion factors for company reporting: Methodology paper (page 36)
	Austria	0.09600	European Environment Agency (EEA) 2023
	United Arab Emirates	0.4041	Dubai Electricity & Water Authority (sustainability report 2020)
	Turkey	0.375	Climate Transparency Report 2021
	Egypt	0.47088	Ember Global Electricity Review 2022
	United States of America - RFCE	0.306	Announced by Environmental Protection Agency, United States, in 2023
	United States of America - CAMX	0.242	Announced by Environmental Protection Agency, United States, in 2023
	United States of America - ERCT	0.370	Announced by Environmental Protection Agency, United States, in 2023
	United States of America - NEWE	0.245	Announced by Environmental Protection Agency, United States, in 2023
	United States of America - RFCM	0.552	Announced by Environmental Protection Agency, United States, in 2023
	United States of America - SRVC	0.291	Announced by Environmental Protection Agency, United States, in 2023
Americas	United States of America - NWPP	0.288	Announced by Environmental Protection Agency, United States, in 2023
	United States of America - RFCW	0.476	Announced by Environmental Protection Agency, United States, in 2023
	United States of America - FRCC	0.379	Announced by Environmental Protection Agency, United States, in 2023
	United States of America - SRSO	0.405	Announced by Environmental Protection Agency, United States, in 2023
	Argentina	0.307	Climate Transparency Report 2021
	Brazil	0.062	Climate Transparency Report 2021
	Colombia	0.123	IEA emission factors 2012 Data extracted from the Greenhouse Gas Protocol GHG emissions from purchased electricity
	Mexico	0.449	Climate Transparency Report 2019



Region	Electricity emission factor (kgCO₂e/kWh)	Source
Peru	0.286	IEA emission factors 2012 Data extracted from the Greenhouse Gas Protocol GHG emissions from purchased electricity
Canada - British Columbia	0.018	Environment Canada, National Inventory Report, 1990-2019: Greenhouse Gas Sources and Sinks in Canada, June 2021
Canada – Nova Scotia	0.690	Environment Canada, National Inventory Report, 1990-2019: Greenhouse Gas Sources and Sinks in Canada, June 2021
Canada – Ontario	0.026	Environment Canada, National Inventory Report, 1990-2019: Greenhouse Gas Sources and Sinks in Canada, June 2021

- The secondary database has Carbon Footprint Information Platform, Ecoinvent 3.0, ICAO Carbon Emissions Calculator.
- The level of assurance agreed is limited assurance.
- Materiality: 5%
- The version of inventory sheet: 21 April 2024
- The version of GHG statement: 22 April 2024
- Intended user of the verification opinion: Private

### Objective

The purposes of this verification exercise are, by review of objective evidence, to independently review:

- Whether the GHG emissions are as declared by the organization's GHG statement
- The data reported are accurate, complete, consistent, transparent and free of material error or omission.

### Conclusion

SGS's approach is risk-based, drawing on an understanding of the risks associated with reporting GHG emissions information and the controls in place to mitigate these. Our examination includes assessment, on a test basis, of evidence relevant to the amounts and disclosures in relation to the organization's reported GHG emissions. We planned and performed our work to obtain the information, explanations and evidence that the GHG emissions are free from material misstatement.

- The greenhouse gas emissions is 7,650,523.593 metric tonnes of CO<sub>2</sub> equivalent
- The emissions from the combustion of biomass is 0.0000 metric tonnes of CO<sub>2</sub> equivalent



The emission of each category is described as below:

Unit: tonnes of CO₂e

Reporting Boundaries		GHG Emissions		
Inventory categories		Description	Location-based	Market-based
		Stationary combustion emissions	10,901	.8373
		Mobile combustion emissions	1,942.8534	
Direct emis	ssions	Industrial processes emissions	1,569	.8934
		Fugitive emissions emissions	11,868	.9258
		Land use emissions	0	.0000
	Iron outs d. on ours	Indirect emissions from incoming electricity	462,913.7035	104,713.7774
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Indirect emissions		Emissions from capital goods	446,583	.7266
		Emissions from solid and liquid waste treatment	11,603	.1168
		Emissions from Asset Use	11	.6548
		Emission or removal during product use phase	4,135,353	.8943
	Associated with the use of products from the organization	Emissions from downstream leased assets	2,991	.7469
		Emissions from end of life stage of the product	182,123	.3947
		Emissions from investments	129,037	.0104
		Other	37,751	.3722
	Other sources	No quantified	56565 567565655 5675656565 567565656565	_3



Reporting Boundaries GHG Emissions					
Inventory categories	Description	Location-based	Market-based		
Direct emissions and indirect em	issions	7,650,523.593	7,292,323.667		

The emission of each site is described as below:

Unit: tonnes of CO2e

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EMEA Region	2,302.3430	46,941.5609	49,243.904
Americas Region	1,876.2530	8,247.9365	10,124.190

Unit: tonnes of CO2e

Purchased Renewable Energy Certificate(s) Information					
Cita/I a satism		Renewable Energy	Imported energy emissions		
Site/Location	Type	Source/Location	Location-based	Market-based	
Dolto Floatronico	T-REC	Biomass/Taiwan			
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	T-REC	Biomass/Taiwan		5,088.1646	
Taiwan Region	GE	Solar, Wind, Hydro Power/Taiwan	12,844.6814		
China Bagian	I-REC	Hydro/Solar/Wind/China	244 420 0474	32,197.4727	
China Region	GE	Solar, Wind Power/China	311,130.0471		
South East Asia Region	I-REC	Solar, Hydro Power/Thailand	71,523.2629	44,727.2442	
India Region	I-REC	Solar Power/India	14,028.5799	13,404.8799	
North East Asia Region	GE	Solar Power/North East Asia	370.5218	0.0000	



Purchased Renewable Energy Certificate(s) Information				
EMEA Region	I-REC	Biomass, Solar Power/EMEA	3,569.2172	936.6231
	GE	Mix Power/EMEA		
Americas Region	I-REC	Hydro, Wind, Biomass Power/Americas	2,859.3884 1,108	1,108.5631
	GE	Mix Power/Americas		.,

- The opinion of SGS is modified in accordance with the following described circumstances.
  - The verifier has sufficient and appropriate evidence to support the material emissions, removals, or storage.
  - o The verifier applies appropriate criteria for the material emissions, removals, or storage.
  - When the verifier intends to rely on relevant controls, the effectiveness of those controls has been assessed.
  - The verifier, applying the ISO 14064-1:2018 standard, presents the following findings. After adjustments and corrections, no material errors were identified.
    - Supporting evidence has been supplied.
    - Emission coefficients has been updated.
    - The activity data has been revised based on supporting evidence.

### Retention Limitation:

"Unspecified purchase from grid" and "Specified renewable electricity purchase through power procurement agreement (PPA) from grid" have used the same electricity emission factor (kgCO2e/kWh) in Location-based emissions.

### Confidentiality

The reports and attachments may contain relevantly confidential information of the clients. In addition to being submitted as governmental application or certification documents, the reports and attachments are not allowed to be edited, duplicated, or published without the clients' agreement in written form.

### **Avoidance of Conflict of Interest**

The reports and attachments are completely complied with the standards and procedures that related authorities established. The reports and attachments of auditing process are conduct with fairness and honesty. If not, the auditing institution not only has to bear the relevant compensation duties, but also to receive legal charge and punishment.

This opinion shall be interpreted with the GHG statement of DEI as a whole.

### **Verifier Group**

Above opinions coincide with auditing process with fairness and impartiality and aim at the emission of year 2023 of clients.

Lead Verifier:

Aiden Tseng

Verifier:

ANG La.

Sophia Chi

Sumy Chung

William Wu

Ming-Hui Chen

Mike Huang

William Li

Jim Tsar

Chris Hein Keh

Mark Kong

Note: This opinion is issued, on behalf of Client, by SGS Taiwan Ltd. ("SGS") under its General Conditions for Greenhouse Gas Verification Services available at http://www.sgs.com/terms\_and\_conditions.htm. The findings recorded hereon are based upon an audit performed by SGS. A full copy of this opinion, the findings and the supporting GHG Assertion may be consulted at DEI, 186, Ruey Kuang Road., Neihu Dist., Taipei City 114501, Taiwan (R.O.C.), This opinion does not relieve Client from compliance with any bylaws, federal, national or regional acts and regulations or with any guidelines issued pursuant to such regulations. Stipulations to the contrary are not binding on SGS and SGS shall have no responsibility vis-à-vis parties other than its Client.



## **Appendix**

## Stronghold address

Region	Address
	2-1-14 Shibadaimon, Minato-ku, Tokyo, 105-0012, Japan ;
	5-9-6 Fukushima Fukushima-ku, Osaka-shi, Osaka-fu 553-0003 Japan ;
NEA	B&C room, 6F, A-PLACE Kanayama, 1-14-18 Kanayama, Naka-ku, Nagoya-shi, Aichi, Japan
NEA	460-0022 ;
	2F MFLP FUNABASHI3 2-4-7 Hamacho, Funabashi-shi, Chiba-ken 273-0012 Japan ;
al leave along the second	Azakitayama3000-164, Nishiune, Ako Shi, Hyogo Ken, 678-1186, Japan
NEA	1511, 219, Gasan Digital 1-Ro., Geumcheon-gu, Seoul, 08501 South Korea
SEA	714 Prakasa, Muang-
SLA	samutprakarn, Samutprakarn Province 10280 Thailand.
SEA	699 Prakasa, Muang-
SLA	samutprakarn, Samutprakarn Province 10280 Thailand.
SEA	909 Prakasa, Muang-
SLA	samutprakarn, Samutprakarn Province 10280 Thailand.
SEA	111 Bangwua, Bangpakong,
SLA	Chachoengsao 24180 Thailand.
SEA	111/6 Bangwua, Bangpakong,
JLA	Chachoengsao 24180 Thailand.
SEA	712 Prakasa, Muang-
SEA	samutprakarn, Samutprakarn Province 10280 Thailand.
SEA	651 Prakasa, Muang-
SEA	samutprakarn, Samutprakarn Province 10280 Thailand.
SEV	709,711 Prakasa, Muang-
SEA	samutprakarn, Samutprakarn Province 10280 Thailand.
SEA	Unit 20-21 , 45 Normanby Road, Notting Hill VIC 3168, Australia
SEA	18/39 Herbert Street, St.Leonards NSW 2065
SEV	Plot No.91 and 92, Myay Taing Quarter No.25, Shwe Lin Ban Industrial Zone, Hlaing Thar Ya
SEA	Township, Yangon, Myanmar,11051
QE A	3rd Floor, Vietnam 3D Creative Center Building, No. 3 Duy Tan Street, Dich Vong Hau Ward,
SEA	Cau Giay District, Hanoi City, Vietnam
SEA	4 Kaki Bukit Ave 1 #05-04, Singapore 417939
SEA	21 Biopolis Road Nucleos North Tower, #05-03/05, Singapore 138567



Region	Address		
SEA	3 Teban Gardens Crescent, Singapore 608920		
SEA	No. 3/16, KantKawMyaing 1 Street, 8 Ward, Yankin Township, Yangon Myanmar		
SEA	0302 3rd Floor, Orient Square Building, Emerald Avenue, Ortigas Pasig City, Philippines		
SEA	173/13 Moo 9, Bangpla Sub-District, Bang Phli District, Samutprakarn Province 10540 Thailand		
SEA	Suite C-05-08, Level 5, Block C, Sky Park @ One City, Jalan USJ 25/1, 47650 Subang Jaya, Selangor Darul Ehsan, Malaysia		
SEA	1601-1603, 66 Tower Building, 16th Floor, Room No. 2556, Sukhumvit Road, Bang Na Nuea Sub-district, Bang Na District, Bangkok 10260		
SEA	Unit 7, 65 Doody Street, Sydney Corporate Park, Alexandria NSW 2015, Australia		
SEA	17 Kallang Junction, #01-01, Trion, Singapore 339274		
India	Plot No. 42-43, Sector-35, HSIIDC, Gurgaon - 122001, Haryana, India		
India	Plot No. 11B,12,13,37,38A Sector-5, IIE Pantnagar, US Nagar 263153, Uttarakhand, India.		
India	Plot No 69 A,B,C,D, Bommasandra Industrial Area, Bommasandra, Karnataka 560099, India		
India	SF No.16, 1B2B Part 16, Plot No 1 Industrial Part, Kurubarappally Village, Krishnagiri, Tamil Nadu, India (SEZ)		
India	SF No.16, 1B2B Part 16, Plot No 1 Industrial Part, Kurubarappally Village, Krishnagiri, Tamil Nadu, India (DTA)		
India	1619A, Rupa Solitaire, Millenium Business Park, MIDC Industrial Area, Sector 1, Kopar Khairane, Navi Mumbai, Maharashtra 400710, India		
India	#508, 509, 510 5th F, B-Block Westgate, Nr YMCA Club, SG Rd Ahmedabad - 380015		
India	1st Floor, ASV Chameirs Square, Chamiers Road, Raja Annamalaipuram, Chennai- 600028		
TW	186, Ruey Kuang Road, Neihu District, Taipei 114501, Taiwan		
TW	256, Yangguang Road, Neihu District, Taipei 114067, Taiwan		
TW	31-1, Xingbang Road, Guishan District, Taoyuan City 333613, Taiwan		
TW	18, Xinglong Road, Taoyuan District, Taoyuan City 330477, Taiwan		
TW	252, Shangying Road, Guishan District, Taoyuan City 333425, Taiwan		
TW	268, Shangying Road, Guishan District, Taoyuan City, 333425,Taiwan		
TW	3, Tungyuan Road, Chungli District, Taoyuan City 320023, Taiwan		
TW	5, Tungyuan Rd., Chungli Industrial Zone, Taoyuan City 320023, Taiwan		
TW	16, Tungyuan Rd., Chungli Industrial Zone, Taoyuan City 320023, Taiwan		
TW	458, Pingjhen Section, jhongsing Road, Pingjhen District, Taoyuan City 324020, Taiwan		
TW	8, Keyuan 1st Road, Situn District, Taichung City 407751, Taiwan		



Region	Address
TW	39, Section 2, Huandong Road, Shanhua District, Tainan City 741014, Taiwan
TW	30, Section 2, Huandong Road, Shanhua District, Tainan City 741014, Taiwan
TW	3F., No. 18, Taiyuan St., Zhubei City, Hsinchu County 302082 , Taiwan
TW	No. 14, Ln. 10, Zhoushan Rd., Da'an Dist., Taipei City 106032 , Taiwan
TW	300, Zhongda Rd., Zhongli Dist., Taoyuan City 320317, Taiwan
TW	1, Daxue Rd., East Dist., Tainan City 701401, Taiwan
TW	3F., No. 99, Ruihu St., Neihu Dist., Taipei City 114 , Taiwan
TW	6F, No.192, Lien-Cheng Rd., Chung-Ho, New Taipei City 23553, Taiwan
	No.168, Lien-Cheng Rd., Chung-Ho, New Taipei City 23553, Taiwan
	2F., No. 66, Sec. 3, Gaotiezhanqian W. Rd., Dayuan Dist., Taoyuan City 337014 , Taiwan
TW	7F., No. 130, Siwei Rd., North Dist., Hsinchu City 300192, Taiwan
IVV	18F., No. 425, Zhonghua Rd., Yongkang Dist., Tainan City 710039, Taiwan
	4F., No. 875, Sec. 4, Wenxin Rd., Beitun Dist., Taichung City 406505 , Taiwan
	No. 3, Ln. 106, Wugong 3rd Rd., Wugu Dist., New Taipei City 248019 , Taiwan
TW	252, Shangying Road, Guishan District, Taoyuan City 333425, Taiwan
TW	268, Shangying Road, Guishan District, Taoyuan City, 333425,Taiwan
TW	No. 195, Sec. 4, Zhongxing Rd., Zhudong Township, Hsinchu County 310401, Taiwan
TW	No. 321, Sec. 2, Guangfu Rd., East Dist., Hsinchu City 300044, Taiwan
TW	No. 66, Sec. 3, Gaotiezhanqian W. Rd., Dayuan Dist., Taoyuan City 337014 , Taiwan
TW	No. 156, Gaoshi Rd., Yangmei Dist., Taoyuan City, Taiwan
CHINA	No. 73, Pantao Road, Shijie Town, Dongguan, Guangdong, P. R. C
CHINA	No.1688, Jiangxing East Rd., Wujiang Economic and Technological Development Zone,
CHINA	Suzhou City, Jiangsu Province, P.R.C.
CHINA	138 Jiuhua North Road, Wuhu District, China (Anhui) Pilot Free Trade Zone, P.R.C.
CHINA	West of Bailutang Linyi, Suxian District, Chenzhou City, Hunan Province (Chenzhou
CHINA	Comprehensive Bonded Zone), P.R.C.
CHINA	Bailutang Town Industrial Park, Chenzhou City, Hunan Province, P.R.C.
CHINA	No, 1675, Huadong Road, Pudong New Area, Shanghai City, P.R.C.
CHINA	6th F, unit 2, Building 3, Wangxin Shuangcheng Tower, No.1785, Jianghan Road, Changhe
CHINA	Street, Binjiang District, Hangzhou, Zhejiang Province, P.R.C.
CHINA	Tongjin Building, No. 198, Hexi Street, Jianye District, Nanjing, Jiangsu Province, P.R.C.
CHINA	Building 3, Digital Science and Technology Park, No. 20, Zhangbasi Road, Yanta District, Xi'an
CHINA	City, Shaanxi Province, P.R.C.



Region	Address
CHINA	10th floor, Building 1, TEDA Times Center, No. 1288, North Tianfu Avenue, Chengdu High-tech
	Zone, Chengdu, Sichuan Province, P.R.C.
CHINA	No. 7 building, 6th courtyard, Beichen East Rd., Chaoyang Dist., Beijing, P.R.C.
CHINA	3th floor,B22 Block, Optics Valley Financial Harbour, No.77 Guanggu Avenue, East Lake
	High-tech Development Zone, Wuhan, Hubei province, P.R.C.
CHINA	7F, Block A.Green Valley, No.618 Shenchang Rd.Minhang District, Shanghai City, P.R.C.
CLUNIA	21st floor, self-organized floor of Yuedian Plaza, No. 2, 4 and 6 Tianhe East Road, Tianhe
CHINA	District, Guangzhou, Guangdong Province, P.R.C.
CHINA	Room 51-808, Liangxi Road, Binhu District, Wuxi City, Jiangsu Province, P.R.C.
CLUNIA	Room 1615-1619, Block A, Greenland Center, Intersection of Xingsu Song Road, South Second
CHINA	Ring Road, Baohe District, Hefei, Anhui Province, P.R.C.
CHINA	No. 598, Jiangnan Road, Jiangdong District, Ningbo, Zhejiang Province, P.R.C.
CLUNIA	Room 802, Rujun Building, Ban Xuegang Avenue, Bantian Street, Longgang District, Shenzher
CHINA	Guangdong Province, P.R.C.
CLUNIA	8th floor, Building 6, Area C, Taiwan Business Park, Pingtan Comprehensive Experimental
CHINA	Zone, Fujian Province, P.R.C.
CLUNIA	C1 & C2 District, 15A, Oriental Building, No. 96 and 98 East Street, Gulou District, Fuzhou City
CHINA	Fujian Province, P.R.C.
CHINA	Room 403, No. 39, Wanghai Road, Software Park Xiamen No.2, Siming District, Xiamen, Fujia
CHINA	Province, P.R.C.
CLUNA	Room 804, Building A, Sea Wing Building, No. 666 Xiahe Road, Siming District, Xiamen, Fujiar
CHINA	Province, P.R.C.
CHINA	Room A, 3rd Floor, Block B, Junhao Building, No. 10 Dongbao Road, Qingxiu District, Nanning
CHINA	Guangxi Province, P.R.C.
CHINA	No. 5-12-8, No. 1 Olympic Sports Road, Jiulongpo District, Chongqing City, P.R.C.
CHINA	No. 10, 9th Floor, Building 201 (Zhihai), Greenland Center, No. 2888, Hongguangshan Road,
CHINA	Shuimogou District, Urumqi, Xinjiang Uyghur Autonomous Region, P.R.C.
CLUNIA	No. 1, 22nd Floor, Unit 2, Jia Yuan Fudi, No. 1-7 Youyi Road, Yunyan District, Guiyang,
CHINA	Guizhou Province, P.R.C.
CLUNIA	Room 723 and 724, 7 / F, Unit 1, Building 17, Yinhai Field Small District, Guandu District,
CHINA	Kunming, Yunnan Province, P.R.C.
CHINA	Rm.007, 23F, No.222 · North Tianshui Rd., Yanbei Street, cheng guan Dist., Lanzhou, Gansu
	Province, P.R.C.



Region	Address
CHINA	Rm.2108, 21F, Yonghe International, No.9, Wenhua Rd., Zhengzhou, Henan Province, P.R.C.
CHINA	Rm.1704, Chengming Tower, No.26, East Huai'an St., Qiaodong Dist., Shijiazhuang, Hebei
CHINA	Province, P.R.C.
CHINA	No. 28, Shungeng Road, Shizhong District, Jinan, Shandong Province, P.R.C.
CHINA	Rm.1304, Buingding 1, Tianbao International Tower, No.61, Haier Rd., Laoshan Dist., Qingdao,
CHINA	Shandong Province, P.R.C.
CHINA	Rm.801, Xiaoshan Tower, No.173, Wuyi Rd., Taiyuan, Shanxi Province, P.R.C.
CHINA	Area A, 6th floor, Jindong Building, No. 99 Liuwei Road, Hedong District, Tianjin City, P.R.C.
CHINA	No1~3, 23F, Xinrong Internation Tower, No.489, Furong Middle Rd., Tianxin Dist., Changsha,
OTHINA	Hunan Province, P.R.C.
CHINA	Rm. 15A14 & 15A16, Nanbin International Financial Tower, No.2, Bayi Av., Nanchang, Jiangxi
OTHIVA	Province, P.R.C.
CHINA	Rm.3-1806, Building 2, City Plaza, No.206, Nanjing North St., Heping Dist., Shenyang, Liaoning
01111471	Province, P.R.C.
CHINA	Room B509, Excellent Building, No. 9-2, Huanghai West Road/Street, Economic and
	Technological Development Zone, Dalian City, Liaoning Province, P.R.C.
CHINA	Unit 4, 20th Floor, Deep Blue International, No. 5, Xinghe Two Street, Shahekou District, Dalian
	City, Liaoning Province, P.R.C.
CHINA	C, 28F, Aowesi Building, 15 Hongjun Street, Nangang District, Harbin City, Heilongjiang
OTHINA	Province, P.R.C.
CHINA	Room 1409, Floor 14, Middle East Fortune Center, No. 1655, Nanhuancheng Road, Nanguan
	District, Changchun City, Jilin Province, P.R.C.
CHINA	Rm.19042-19043, Huishang Plaza, No.175, Zhaowuda Rd., Saihan Dist., Huhhot, P.R.C.
CHINA	6th floor, Building 4, New Shuangcheng Building, No. 1785 Jianghan Road, Changhe Street,
	Binjiang District, Hangzhou, Zhejiang Province, P.R.C.
CHINA	21F, Prosperity Center, 25 Chong Yip Street, Kwun tong, Kowloon, Hong Kong
CHINA	No, 1675, Huadong Road, Pudong New Area, Shanghai City, P.R.C.
CHINA	No. 168, Hanbei Fifteenth Road, Tianjin Port Free-Trade Zone, Tianjin City, P.R.C.
CHINA	Oxidated Carpark, the whole 2nd floor, No.124 Donghuan Road, Donghuan Jie,
OFINA	PanyuGuangzhou, P.R.C.



Region	Address
CHINA	No. 688 Xiuhu West Road Wujiang Yundong Economic Development Zone , Songling
	Town ,Wujiang City ,Jiangsu Province, P.R.C
	No. 168 Jishi East Road, Wujiang Economic Development Zone, Wujiang City, JiangSu
	Province, P.R.C
TW	2 R&D 2nd road, Science-Based Industrial park, Hsinchu 30076, Taiwan
CHINA	No. 138 Jiuhuabei Road, Longshan Street, Wuhu Area, China (Anhui) Pilot Free Trade Zone
TW	3F., No. 18, Taiyuan St., Zhubei City, Hsinchu County 302082, Taiwan
TW	No. 20. See 2. Huandana Dd. Chanhua Diet Teinen City 744044. Teinen
TW	No. 30, Sec.2, Huandong Rd., Shanhua Dist.,Tainan City 741014 , Taiwan
TW	458, Pingjhen Section, jhongsing Road, Pingjhen District, Taoyuan City 324020, Taiwan
TW	268, Shangying Road, Guishan District, Taoyuan City, 333425, Taiwan
Americas	178 Bauer Drive, Oakland, NJ 07436, U.S.A.
Americas	46101 Fremont Blvd, Fremont, CA 94538, U.S.A.
Americas	575 Round Rock West Drive, Bldg. K, Suite #440, Round Rock, TX 78681, U.S.A.
Americas	175 Cabot Street, Suite #306, Lowell, MA 01854, U.S.A.
Americas	39209 Six Mile Road, Suite #105, Livonia, MI 48152, U.S.A
Americas	14910 Summit Dr. Eastvale, CA 92880, U.S.A.
Americas	P.O. Box 12173, 5101 Davis Drive, Durham, NC 27709, U.S.A.
Americas	3055 112th Ave., Suite 225, Bellevue, WA 98004, U.S.A.
Americas	N27 W23957 Paul Road, Ste 103, Pewaukee, WI 53072, U.S.A
Americas	2050 Ringwood Avenue, San Jose, CA 95131, U.S.A
Americas	2925 E. Plano Parkway, Plano, TX 75074, U.S.A.
Americas	Jose Roque Funes 1761 PB E, X5009LFS, Córdoba, Argentina
Amariaas	Estr. Velha Rio São Paulo no. 5300 - Eugenio de Melo, São José dos Campos - SP - Brazil, ZIF
Americas	code 12247-001
Americas	Carrera 72 # 95-51 Bodega 7, Parque Industrial Los Lagartos, Colombia
Amorioos	Av. Gustavo Baz 309 Edificio E Planta Baja, Col. La Loma, Tlalnepantla, Estado de México,
Americas	C.P. 54030
Americas	Av. Pardo y Aliaga 699 Of. 601 San Isidro, Lima, Perú
Americas	17850 - 56th Avenue, Surrey, British Columbia, Canada V3S 1C7
Americas	Suite 400, 1160 Bedford Highway Bedford, NS, Canada B4A 1C1
Americas	Millenia Lakes One, 4700 Millenia Blvd, Suite 260, Orlando, Florida, USA 32839-6014
Americas	303 Terry Fox Drive, Ottawa, ON K2K 3J1



Region	Address		
Americas	3455 Peach Tree Road NE, Office 532, Atlanta GA 30326		
Americas	Paseo de los Laureles, No. 458-203, Basques de las Lomus, Cuajimalpa, CDMX Mexico C.P. 05120		
Americas	55 Chastain Road, NW, Suite 115, Kennesaw, GA 30144		
Americas	17882 Sampson Lane Ste A huntington Beach, CA 92647		
EMEA	Gradišćanska ul. 34 10110, Zagreb Croatia		
EMEA	15 salah salem street, Obour building		
EMEA	Rajatorpantie 8, FI-01600 Vantaa, Finland		
	ZONE INDUSTRIELLE BASTILLAC		
EMEA	65000 TARBES France		
EMEA	Werner-von-Siemens-Straße 2-6/Gebäude 5161, 76646 Bruchsal, Germany		
EMEA	Coesterweg 45, D-59494 Soest, Germany		
EMEA	Tscheulinstrasse 21 D-79331 Teningen, Germany		
	Ferdinand - Porsche - Straße 45		
EMEA	60386 Frankfurt		
	Via Bissolati; 54		
<b>EMEA</b>	00187 Rome		
	Italy		
EMEA	Via per Meda 2 - Novedrate(CO)		
EMEA	Zandsteen 15, 2132 MZ Hoofddorp, the Netherlands		
EMEA	Automotive Campus 260, 5708 JZ Helmond		
EMEA	Graaterudveien 8, 3036 Drammen, Norway		
EMEA	23 Poleczki Str., 02-822 Warsaw, Poland		
EMEA	Gorlicka 2, Szczecin 71-042, Poland		
EMEA	Intrarea Nestorei No. 1, Building B, 9th Floor, District 4, 040037, Bucharest		
EMEA	Priemyselná ulica 4600/1, SK - 018 41 Dubnica nad Vahom, Slovakia		
EMEA	Pálenica 53/79, Liptovský Hrádok 033 17, Slovakia		
EMEA	Ctra de Villaverde a Vallecas 265, 28031 Madrid		
EMEA	Calle Llacuna 166, Planta Primera, Módulo C. 028018 Barcelona		
EMEA	Calle Sierra de Andia Nº2 oficina 23 . 01010 Vitoria (Alava)		
EMEA	Hammarbacken 4A 191 49 Sollentuna SWEDEN		
EMEA	Annavägen 3 352 46 Växjö SWEDEN		
EMEA	Freiburgstrasse 251, CH-3018 Bern, Switzerland		



Region	Address
EMEA	Serifali Mevki Kule Sok No 16A/2, 34775 Umraniye-Istanbu
EMEA	JLT Cluster E Saba 1, Office 2504, Dubai, UAE
EMEA	1 Redwood Court, Peel Park Campus, East Kilbride, Glasgow G74 5PF, UK
EMEA	Eltek House, Cleveland Road, Hemel Hempstead, Hertfordshire HP2 7EY, UK
EMEA	Greenside Way, Middleton, Manchester, M24 1XX, UK
EMEA	Průmyslová 1306 / 7, 102 00 Praha 10, Czech Republic
EMEA	Blumengasse 37,1170 Vienna
EMEA	Blumengasse 35,1170 Vienna
EMEA	Wildenhag 11, 4881 Wildenhag
EMEA	Glover Pavilion, Campus 3 Aberdeen Innovation Park, Balgownie Drive, Aberdeen, UK
-IVI-/ \	AB228GW
EMEA	Via Lavoratori Autobianchi 1 - Desio (MB)
EMEA	ul. Daszyńskiego 154, 44-100 Gliwice
EMEA	DELTA BA, Botanická 25/A, 841 04 Bratislava - Karlova Ves

### Subsidiary organization

- Delta Electronics, Inc.
- Addtron Technology (Japan), Inc.
- Aetek Inc.
- Amerlux Lighting Asia, LLC
- Amerlux Lighting Hong Kong Limited
- Amerlux, LLC
- Ancora Semiconductors Inc.
- Boom Treasure Limited
- Chenzhou Delta Technology Co., Ltd.
- Cyntec Co., Ltd.
- Cyntec Electronics (Suzhou) Co., Ltd.
- Cyntec Electronics (Wuhu) Co., Ltd.
- CYNTEC HOLDING (HK) LIMITED
- DEI Logistics (USA) Corp.
- DelBio (Wujiang) Co., Ltd.
- DelBio Inc.
- Delmind Inc.
- Delta America Ltd.
- Delta Controls Inc.
- Delta Electronics (Americas) Ltd.
- DELTA ELECTRONICS (ARGENTINA) S.R.L.
- Delta Electronics (Australia) Pty Ltd
- Delta Electronics (Automotive) Americas Inc.
- Delta Electronics (Beijing) Co., Ltd.
- Delta Electronics (Chenzhou) Co., Ltd.

- DELTA ELECTRONICS (COLOMBIA) S.A.S.
- Delta Electronics (Czech Republic), spol. s.r.o.
- Delta Electronics (Dongguan) Co., Ltd.
- Delta Electronics (H.K.) Ltd.
- Delta Electronics (Holdings) Australia Pty Ltd
- Delta Electronics (Italy) S.r.l.
- Delta Electronics (Japan), Inc.
- Delta Electronics (Jiangsu) Ltd.
- Delta Electronics (Korea), Inc.
- Delta Electronics (Myanmar) Co., Ltd.
- Delta Electronics (Netherlands) B.V.
- DELTA ELECTRONICS (PERU) INC. S.R.L.
- Delta Electronics (Pingtan) Co., Ltd.
- Delta Electronics (Poland) Sp. z o. o.
- Delta Electronics (Shanghai) Co., Ltd.
- Delta Electronics (Slovakia) s.r.o.
- Delta Electronics (Sweden) AB
- Delta Electronics (Switzerland) AG
- Delta Electronics (Thailand) Public Company Limited
- DELTA ELECTRONICS (USA) INC.
- Delta Electronics (Vietnam) Company Limited
- Delta Electronics (Wuhu) Co., Ltd.
- Delta Electronics (Xi'an) Co., Ltd.
- DELTA ELECTRONICS BRASIL LTDA.
- Delta Electronics Capital Company
- Delta Electronics Europe Ltd.
- DELTA ELECTRONICS HOLDING (USA) INC.
- DELTA ELECTRONICS INDIA MANUFACTURING PRIVATE LIMITED
- Delta Electronics India Pvt. Ltd.
- Delta Electronics International Mexico S.A. DE C.V.
- Delta Electronics Int'l (Singapore) Pte. Ltd.
- Delta Electronics Solutions (Spain) SL
- Delta Energy Systems (Germany) GmbH
- Delta Energy Systems (Romania) S.R.L.
- Delta Energy Systems (Singapore) PTE. LTD.
- Delta Energy Systems (UK) Ltd.
- Delta Energy Systems Property (Germany) GmbH
- Delta Energy Technology Puhuan (Shanghai) Co., Ltd.
- Delta Green (Tianjin) Industries Co., Ltd.
- Delta Green Industrial (Thailand) Co., Ltd.
- Delta Greentech (China) Co., Ltd.
- Delta Greentech (Netherlands) B.V.
- Delta Greentech Electronics Industry LLC
- Delta Greentech SGP Pte. Ltd.
- Delta International Holding Limited B.V.
- Delta Networks (Dongguan) Ltd.
- Delta Networks (HK) Limited
- Delta Networks Holding Limited
- Delta Networks, Inc.
- Delta Solutions (Finland) Oy
- DET International Holding B.V.

- DET Logistics (USA) Corporation
- Digital Projection Holdings Ltd.
- Digital Projection Inc.
- Digital Projection International Ltd.
- Digital Projection Ltd.
- Drake Investment (HK) Limited
- DELTA ELECTRONICS (NORWAY) AS
- DELTA Electronics (Germany) GmbH
- Eltek Egypt for Power Supply S.A.E.
- Eltek Italia S.r.l.
- ELTEK MEA DMCC
- DELTA Montage GmbH
- ELTEK POWER (MALAYSIA) SDN. BHD.
- DELTA ELECTRONICS (UK) LTD.
- ELTEK POWER CO., LTD.
- DELTA ELECTRONICS (France) SAS
- ELTEK POWER INCORPORATED
- Eltek s.r.o.
- Eltek SGS Pvt Ltd.
- ELTEK SISTEMAS DE ENERGIA INDUSTRIA E COMERCIO LTDA.
- Fairview Assets Ltd.
- Grandview Holding Ltd.
- Guangzhou Amerlux Lighting Co., Ltd.
- Lidlight Inc.
- Loy Tec electronics GmbH
- March Networks (Australia) Pty Limited
- March Networks (France) SAS
- March Networks (Singapore) Pte. Limited
- March Networks B.V.
- March Networks Corporation
- March Networks de Mexico, S.A. de C.V.
- March Networks Holdings Ltd.
- March Networks Limited
- March Networks S.r.l.
- March Networks, Inc.
- Otus Imaging, Inc.
- Power Forest Technology Corporation
- Realwin Investment Inc.
- Trihedral Engineering Limited
- Trihedral Inc.
- Trihedral UK Limited
- Vivotek (Japan) Inc.
- Vivotek Holdings, Inc.
- Vivotek Inc.
- Vivotek Netherlands B.V.
- Vivotek USA, Inc.
- Wellstates Investment, LLC
- March Networks Poland Sp. Z o.o. Delta Energy Inc.