

The Apple supplier list represents 98 percent of our direct spend for materials, manufacturing, and assembly of our products worldwide for fiscal year 2022.



SUPPLIER NAME	PRIMARY LOCATIONS WHERE MANUFACTURING FOR APPLE OCCURS	
ЗМ	Guangdong, Jiangsu, Shanghai	China mainland
	Miyazaki, Yamagata	Japan
	Singapore	Singapore
	Gyeonggi-Do, Jeollanam-Do	South Korea
	Alabama, Indiana, Iowa, Minnesota, Ohio, South Carolina, Wisconsin	United States
AAC Acoustic Technologies Holdings Incorporated	Guangdong, Jiangsu	China mainland
Advanced Semiconductor Engineering Technology Holding Co., Ltd.	Jiangsu, Shanghai	China mainland
	Yamagata	Japan
	Taiwan	Taiwan
	Hai Phong	Vietnam
AGC Incorporated	Antwerp	Belgium
	Guangdong, Jiangsu	China mainland
	Chiba, Fukushima, Hyogo, Shizuoka	Japan
	Lamphun	Thailand
AKM Meadville Electronics (Xiamen) Company Limited	Guangdong, Jiangsu, Shanghai	China mainland
Alpha and Omega Semiconductor Limited	Chongqing, Shanghai	China mainland
	Oregon	United States
Alps Alpine Company Limited	Jiangsu, Zhejiang	China mainland
	Fukushima, Miyagi, Niigata	Japan
	Negeri Sembilan	Malaysia



SUPPLIER NAME	PRIMARY LOCATIONS WHERE MANUFACTURING FOR APPLE OCCURS	
Amkor Technology Incorporated	Shanghai	China mainland
	Fukui, Hokkaido	Japan
	Laguna	Philippines
	Gyeonggi-Do	South Korea
	Taiwan	Taiwan
Amphenol Corporation	Guangdong, Jiangsu, Shanghai, Zhejiang	China mainland
	Pennsylvania	United States
ams-OSRAM AG	Styria	Austria
	Jiangsu	China mainland
	Bavaria	Germany
	Penang	Malaysia
	Laguna	Philippines
	Singapore	Singapore
	Taiwan	Taiwan
	Texas	United States



SUPPLIER NAME	PRIMARY LOCATIONS WHERE MANUFACTURING FOR APPLE OCCURS	
Analog Devices Incorporated	Guangdong, Jiangsu	China mainland
	Munster	Ireland
	Mie, Yamagata	Japan
	Batangas, Cavite	Philippines
	Singapore	Singapore
	Taiwan	Taiwan
	Bangkok, Chachoengsao	Thailand
	California, Oregon, Texas, Washington	United States
AT & S Austria Technologie & Systemtechnik AG	Chongqing, Shanghai	China mainland
Baotou Inst Magnetic New Materials Co., Ltd.	Inner Mongolia Autonomous Region (IMAR)	China mainland
Beijing Zhong Ke San Huan High-Tech Co., Ltd.	Zhejiang	China mainland
Bichamp Cutting Technology (Hunan) Co., Ltd	Guangdong	China mainland
Biel Crystal Manufactory Limited	Bac Ninh	Vietnam
BOE Technology Group Company Limited	Anhui, Chongqing, Sichuan	China mainland
Boyd Corporation	Guangdong, Jiangsu	China mainland
Broadcom Limited	Singapore	Singapore
	Taiwan	Taiwan
	Colorado, Pennsylvania	United States
Bumchun Precision Company Limited	Gyeonggi-Do	South Korea
BYD Company Limited	Guangdong, Shanghai	China mainland
	Phu Tho	Vietnam



SUPPLIER NAME	PRIMARY LOCATIONS WHERE MANUFACTURING FOR APPLE OCCURS	
Career Technology (Mfg.) Company Limited	Jiangsu	China mainland
	Taiwan	Taiwan
Catcher Technology Company Limited	Jiangsu	China mainland
Cathay Tat Ming (HK) Company Limited	Guangdong, Jiangsu	China mainland
Cheng Uei Precision Industry Company Limited (Foxlink)	Anhui, Guangdong, Jiangsu	China mainland
	Andhra Pradesh	India
	Taiwan	Taiwan
Chengdu Homin Technology Company Limited	Sichuan	China mainland
China Circuit Technology (Shantou) Corporation	Guangdong	China mainland
Cirrus Logic Incorporated	Saxony	Germany
	Singapore	Singapore
	Taiwan	Taiwan
CN Innovations Holdings Limited	Guangdong, Hubei	China mainland
Coherent Corporation	California, Illinois, New Jersey, Pennsylvania, Texas	United States
Compal Electronics Incorporated	Chongqing, Jiangsu	China mainland
	Phetchaburi	Thailand
	Vinh Phuc	Vietnam
Compeq Manufacturing Company Limited	Chongqing, Guangdong, Jiangsu	China mainland
	Taiwan	Taiwan



SUPPLIER NAME	PRIMARY LOCATIONS WHERE MANUFACTURING FOR APPLE OCCURS	
Corning Incorporated	Fujian, Jiangsu, Zhejiang	China mainland
	Chungcheongnam-Do	South Korea
	Taiwan	Taiwan
	Kentucky, New York	United States
Cosmosupplylab Limited	Guangdong	China mainland
	Chon Buri	Thailand
Cowell E Holdings Incorporated	Guangdong	China mainland
Crystal-Optech Co., Ltd.	Zhejiang	China mainland
CymMetrik Enterprise Company Limited	Guangdong, Henan, Jiangsu	China mainland
	Bac Ninh	Vietnam
Delta Electronics Incorporated	Hunan, Jiangsu	China mainland
	Taiwan	Taiwan
	Chachoengsao	Thailand
Derkwoo Electronics Company Limited	Gyeongsangbuk-Do	South Korea



SUPPLIER NAME	PRIMARY LOCATIONS WHERE MANUFACTURING FOR APPLE OCCURS	
Dexerials Corporation	Tochigi	
Diodes Incorporated	Anhui, Jiangsu, Jilin, Shanghai, Sichuan	China mainland
	Thuringia	Germany
	Okayama	Japan
	Singapore	Singapore
	Chungcheongbuk-Do, Gyeonggi-Do, Gyeongsangbuk-Do	South Korea
	Taiwan	Taiwan
	England	United Kingdom
	California, Missouri	United States
Dynapack International Technology Corporation	Jiangsu	China mainland
Flex Limited	Guangdong	China mainland
	Tamil Nadu	India
	California, Texas	United States
Flexium Interconnect Incorporated	Jiangsu	China mainland
	Taiwan	Taiwan
Fujian Nanping Aluminium Company Limited	Sichuan	China mainland
Fujikura Limited	Guangdong, Shanghai	China mainland
	Tochigi, Yamanashi	Japan
	Bangkok, Lamphun, Pathum Thani, Prachin Buri, Phra Nakhon Si Ayutthaya	Thailand
General Interface Solution Limited	Guangdong, Sichuan	China mainland



Centus Electronic Optical Company Limited         Fujian         China mainland           OlgaDevice Semiconductor Incorporated         Belling         China mainland           Clobal Lighting Technologies         Shanghal         China mainland           GerTek Incorporated         Guangdong, Shandong         China mainland           Bac Ninh         Vietnam         Vietnam           Henkel AG & Company, KGBA         Guangdong, Shandong, Shandong, Shandong         China mainland           Henkel AG & Company, KGBA         Guangdong, Shandong,	SUPPLIER NAME	PRIMARY LOCATIONS WHERE MANUFACTURING FOR APPLE OCCURS	
GigaDevice Semiconductor Incorporated         Belging         China mainland           Global Lighting Technologies         Shanghai         China mainland           GoorTek Incorporated         Guangdong, Shandong         China mainland           Hama Naka Shoukin Industry Company Limited         Jangsu         China mainland           Henkel AG & Company, KGaA         Guangdong, Shandong, Shandong, Shanghai         China mainland           Hi-P International Limited         Jangsu, Shanghai         China mainland           Hirose Electric Company Limited         Jangsu, Shanghai         China mainland           Hitschi Limited         Aomori, Iwate, Miyagi, Toyama         Japan           Gyeonggi-Do         South Korea           Hot Limited         Japan         Japan           Hot Limited         Baraki, Osaka         Japan           Hot Hal Precision Industry Company Limited (Foccorn)         Guangdong, Henan, Jiangsu, Shanxi, Sichuan, Zhejiang         China mainland           Hot Jame         Tamil Nadu         India           Limited States         United States	Genius Electronic Optical Company Limited	Fujian	China mainland
Global Lighting Technologies Shanghai CerTek Incorporated Goungdong, Shandong Bac Ninh Vetnam Alana Naka Shoukin Industry Company Limited Jangsu Gengdong, Shandong, Shanghai China mainland Tamil Nadu Limited Hitachi Limited Limited Focungony Limited (Focconn) Guangdong, Henan, Jiangsu, Shanxt, Sichuan, Zhejiang China mainland China ma		Taiwan	Taiwan
Geeffek Incorporated Guangdong, Shandong Bac Ninh Sac Nin	GigaDevice Semiconductor Incorporated	Beijing	China mainland
Bac Ninh Hama Naka Shoukin Industry Company Limited Hama Naka Shoukin Industry Company Limited Henkel AG & Company, KGaA Henkel AG & Company, KGaA Baden-Württemberg Row Hampshire, Ohio, Puerto Rico Hi-P International Limited Hirose Electric Company Limited Hirose Electric Company Limited Hirose Lilietting Genorgi-Do Horaki, Osaka Hitachi Limited Horaki Precision Industry Company Limited (Foxconn) Hirose Hal Precision Industry Company Limited (Foxconn) Hirose Lilietting Hirose	Global Lighting Technologies	Shanghai	China mainland
Hama Naka Shoukin Industry Company Limited  Henkel AG & Company, KGaA  Eden-Württemberg  Baden-Württemberg  New Hampshire, Ohio, Puerto Rico  Hi-P International Limited  Hirose Electric Company Limited  Aomori, Iwate, Miyagi, Toyama  Hitachi Limited  Hora Hai Precision Industry Company Limited (Foxconn)  Eden Henkel AG & Company Limited  Hirose Electric Company Limited  Aomori, Iwate, Miyagi, Toyama  Baraki, Osaka  Hora Hai Precision Industry Company Limited (Foxconn)  Guangdong, Henan, Jiangsu, Shanxi, Sichuan, Zhejiang  Tamil Nadu  Limited  Lim	GoerTek Incorporated	Guangdong, Shandong	China mainland
Henkel AG & Company, KGaA  Henkel AG & Company, KGaA  Baden-Württemberg  New Hampshire, Ohio, Puerto Rico  Hi-P International Limited  Hirose Electric Company Limited  Aomori, Iwate, Miyagi, Toyama  Gyeonggi-Do  South Korea  Hitachi Limited  Horaki, Osaka  Horaki, Osaka  Horaki, Osaka  Horaki, Osaka  Horaki Precision Industry Company Limited (Foxconn)  Amil Nadu  Limited  China mainland  China m		Bac Ninh	Vietnam
Baden-Württemberg Germany New Hampshire, Ohio, Puerto Rico United States  Hi-P International Limited Jangsu, Shanghai China mainland Amori, Iwate, Miyagi, Toyama Japan  Hitachi Limited Joseph Germany Limited (Foxconn) Geyenggi-Do South Korea  Hitachi Limited Joseph Japan  Hitachi Limited Japan  Hi	Hama Naka Shoukin Industry Company Limited	Jiangsu	China mainland
Hi-P International Limited Jiangsu, Shanghai China mainland China mainland Ilinose Electric Company Limited Aomori, Iwate, Miyagi, Toyama Japan Gyeonggi-Do South Korea Hitachi Limited Ibaraki, Osaka Japan Hon Hai Precision Industry Company Limited (Foxconn) Guangdong, Henan, Jiangsu, Shanxi, Sichuan, Zhejiang China mainland India Tamil Nadu India California United States	Henkel AG & Company, KGaA	Guangdong, Shandong, Shanghai	China mainland
Hi-P International Limited  Aomori, Iwate, Miyagi, Toyama  Gyeonggi-Do  South Korea  Hitachi Limited  Hon Hai Precision Industry Company Limited (Foxconn)  Guangdong, Henan, Jiangsu, Shanxi, Sichuan, Zhejiang  Tamil Nadu  California  China mainland  Japan  China mainland  China mainland  Japan  China mainland  India  United States		Baden-Württemberg	Germany
Hirose Electric Company Limited Aomori, Iwate, Miyagi, Toyama Gyeonggi-Do South Korea  Hitachi Limited Hon Hai Precision Industry Company Limited (Foxconn) Guangdong, Henan, Jiangsu, Shanxi, Sichuan, Zhejiang Tamil Nadu California United States		New Hampshire, Ohio, Puerto Rico	United States
Gyeonggi-Do South Korea  Hitachi Limited Ibaraki, Osaka Japan  Hon Hai Precision Industry Company Limited (Foxconn) Guangdong, Henan, Jiangsu, Shanxi, Sichuan, Zhejiang China mainland  Tamil Nadu India California United States	Hi-P International Limited	Jiangsu, Shanghai	China mainland
Hitachi Limited Ibaraki, Osaka Japan Hon Hai Precision Industry Company Limited (Foxconn) Guangdong, Henan, Jiangsu, Shanxi, Sichuan, Zhejiang China mainland Tamil Nadu India California United States	Hirose Electric Company Limited	Aomori, Iwate, Miyagi, Toyama	Japan
Hon Hai Precision Industry Company Limited (Foxconn)  Guangdong, Henan, Jiangsu, Shanxi, Sichuan, Zhejiang  Tamil Nadu  California  United States		Gyeonggi-Do	South Korea
Tamil Nadu India  California  United States	Hitachi Limited	Ibaraki, Osaka	Japan
California United States	Hon Hai Precision Industry Company Limited (Foxconn)	Guangdong, Henan, Jiangsu, Shanxi, Sichuan, Zhejiang	China mainland
		Tamil Nadu	India
Rac Giang		California	United States
		Bac Giang	Vietnam
IDEMIA Group Guangdong China mainland	IDEMIA Group	Guangdong	China mainland
California United States		California	United States
INB Electronics Limited Phu Tho Vietnam	INB Electronics Limited	Phu Tho	Vietnam



SUPPLIER NAME	PRIMARY LOCATIONS WHERE MANUFACTURING FOR APPLE OCCURS	
Infineon Technologies AG	Carinthia	Austria
	Jiangsu, Shandong	China mainland
	Bavaria, Saxony	Germany
	Kedah, Malacca (Melaka), Perak	Malaysia
	Laguna	Philippines
	Singapore	Singapore
	Wales	United Kingdom
	Texas	United States
Intel Corporation	Leinster	Ireland
	Kedah, Penang	Malaysia
	Arizona, Oregon	United States
	Ho Chi Minh	Vietnam
J.Pond Industry (Dongguan) Company Limited	Guangdong, Jiangsu	China mainland
Jabil Incorporated	Guangdong, Hebei, Jiangsu, Sichuan	China mainland
	Maharashtra	India
Japan Aviation Electronics Industry Limited	Aomori, Tokyo, Yamagata, Yamanashi	Japan
Japan Display Incorporated	Guangdong, Jiangsu	China mainland
	Chiba	Japan
JCET Group Company Limited	Jiangsu	China mainland
	Singapore	Singapore
	Gyeonggi-Do	South Korea



Jangsu Kangru New Material Technology Co.Ltd.  Jingsu Kangru New Material Technology Co.Ltd.  Kangwa, Offa Cuangdong Kan Kiu Aluminum Products Group Limited  Kan Kiu Aluminum Products Group Limited  Kangwa, Offa Jangsu Alangsu Ala	SUPPLIER NAME	PRIMARY LOCATIONS WHERE MANUFACTURING FOR APPLE OCCURS	
Exhippon Mining & Metals Corporation (Enosa Holding)  Kanagawa, Olfa  Guangdong  Kelwa Inc.  Jiangsu  Jiangsu  Wakayama  Jiangsu  Wakayama  Metalogo Corporation  Kikosia Holdings Corporation  Kikosia Holdings Corporation  Kikosia Holdings Corporation  Metalogo  Alago  Metalogo  Alago  Metalogo  Alago  Metalogo  Alago  Alag	Jiangsu Gian Technology Company Limited	Jiangsu	China mainland
Kem Kiu Aluminium Products Group Limited  Kowa Inc.  Jiangsu Weksyama Japan  Klosia Holdinga Corporation  Klosia Holdinga Corporation  Klosia Holdinga Corporation  Kinowles Corporation  Mile, Tokyo Jangsu Allerinia  Mile, Tokyo Jangsu Jangs	Jiangsu Kangrui New Material Technology Co.,Ltd.	Jiangsu	China mainland
Kewalinc. Alagasu Alag	JX Nippon Mining & Metals Corporation (Eneos Holding)	Kanagawa, Oita	Japan
Kindla Holdings Corporation         Valakayama         Japan           Kindla Holdings Corporation         Shanghai         China mainland           Kindla Holdings Corporation         California         United States           Kindla Holdings Corporation         Jiangsu         China mainland           Kunshan Kersen Science and Technology Company Limited         Jiangsu         China mainland           Kunshan Kersen Science and Technology Company Limited         Guangdong         China mainland           Kyocera Corporation         Guangdong         China mainland           Kyocera Corporation         Kagashima, Kyoto, Miyagi, Nagano, Niigata, Shige, Yamagata         Japan           Largan Precision Company Limited         Guangdong         China mainland           Lattice Semiconductor Corp.         Taiwan         Taiwan           Lattice Semiconductor Corp.         Taiwan         Taiwan           Lens Technology Company Limited         Guangdong, Hunan, Jiangsu         China mainland           Lens Technology Company Limited         Guangdong, Hunan, Jiangsu         China mainland	Kam Kiu Aluminium Products Group Limited	Guangdong	China mainland
Kioxia Holdings Corporation Kioxia Holdings Corporation Kioxia Holdings Corporation Kine, Tokyo California California California California California California California California California China mainland China mainland China mainland Malaysia China mainland China mainla	Keiwa Inc.	Jiangsu	China mainland
Mie, Tokyo California California Monowies Corporation Monowies Corporati		Wakayama	Japan
Knowles Corporation Jiangsu China mainland China mainland Malaysia  Kunshan Kersen Science and Technology Company Limited Jiangsu Taiwan Taiwan Corporation Taiwan Migata, Shiga, Yamagata Japan  Largan Precision Company Limited Guangdong Guangdong Guangdong Migata, Shiga, Yamagata Japan  Largan Precision Company Limited Guangdong Taiwan	Kioxia Holdings Corporation	Shanghai	China mainland
Knowles Corporation Jiangsu China mainland China mainland Malaysia  Kunshan Kersen Science and Technology Company Limited Jiangsu China mainland Taiwan Taiwan  Kyocera Corporation Guangdong Company Limited Guangdong Company Limited Guangdong Company Limited Guangdong Company Limited Guangdong China mainland Taiwan  Largan Precision Company Limited Guangdong Company Limited Guangdong China mainland Taiwan  Lattice Semiconductor Corp. Taiwan Guangdong Hunan, Jiangsu China mainland		Mie, Tokyo	Japan
Runshan Kersen Science and Technology Company Limited Jiangsu China mainland Taiwan Taiwan Taiwan Corporation Guangdong Guangdong Company Limited Guangdong Taiwan Taiwan Taiwan Taiwan Taiwan Taiwan Taiwan Corporation Guangdong Company Limited Guangdong Guangdong Hunan, Jiangsu Company Limited Guangdong Hunan, Jiangsu China mainland China m		California	United States
Kunshan Kersen Science and Technology Company Limited  Taiwan  Taiwan  Kyocera Corporation  Kagoshima, Kyoto, Miyagi, Nagano, Niigata, Shiga, Yamagata  Largan Precision Company Limited  Guangdong  Taiwan  China mainland  China mainland  China mainland  Taiwan  Taiwan  Lattice Semiconductor Corp.  Taiwan  Guangdong, Hunan, Jiangsu  China mainland  Taiwan  Taiwan  Taiwan  China mainland  China mainland  China mainland  China mainland  Taiwan	Knowles Corporation	Jiangsu	China mainland
Taiwan  Kyocera Corporation  Kyocera Corporation  Guangdong  Kagoshima, Kyoto, Miyagi, Nagano, Niigata, Shiga, Yamagata  Largan Precision Company Limited  Guangdong  Taiwan		Penang	Malaysia
Kyocera Corporation Guangdong China mainland Kagoshima, Kyoto, Miyagi, Nagano, Niigata, Shiga, Yamagata Japan Largan Precision Company Limited Guangdong China mainland Taiwan Taiwan Taiwan Lattice Semiconductor Corp. Taiwan Jiangsu China mainland Lattice Semiconductor Corp. Guangdong, Hunan, Jiangsu China mainland	Kunshan Kersen Science and Technology Company Limited	Jiangsu	China mainland
Kagoshima, Kyoto, Miyagi, Nagano, Niigata, Shiga, Yamagata  Largan Precision Company Limited  Guangdong  Taiwan  Taiwan  Taiwan  Taiwan  Lattice Semiconductor Corp.  Guangdong, Hunan, Jiangsu  Guangdong, Hunan, Jiangsu  China mainland  Taiwan  Taiwan  China mainland		Taiwan	Taiwan
Largan Precision Company Limited Guangdong Taiwan Taiwan Taiwan Taiwan Taiwan  Lattice Semiconductor Corp. Taiwan  Guangdong, Hunan, Jiangsu China mainland China mainland	Kyocera Corporation	Guangdong	China mainland
Taiwan Lattice Semiconductor Corp. Taiwan Taiwan Taiwan Taiwan China mainland		Kagoshima, Kyoto, Miyagi, Nagano, Niigata, Shiga, Yamagata	Japan
Lattice Semiconductor Corp.  Lens Technology Company Limited  Guangdong, Hunan, Jiangsu  China mainland	Largan Precision Company Limited	Guangdong	China mainland
Lens Technology Company Limited Guangdong, Hunan, Jiangsu China mainland		Taiwan	Taiwan
	Lattice Semiconductor Corp.	Taiwan	Taiwan
Bac Giang Vietnam	Lens Technology Company Limited	Guangdong, Hunan, Jiangsu	China mainland
		Bac Giang	Vietnam



SUPPLIER NAME	PRIMARY LOCATIONS WHERE MANUFACTURING FOR APPLE OCCURS	
LG Chem Limited	Jiangsu	China mainland
	Chungcheongbuk-Do	South Korea
LG Display Company Limited	Guangdong, Jiangsu, Shandong	China mainland
	Gyeonggi-Do, Gyeongsangbuk-Do	South Korea
	Hai Phong	Vietnam
LG Innotek Company Limited	Gyeonggi-Do, Gyeongsangbuk-Do	South Korea
	Hai Phong	Vietnam
Lingyi iTech (Guangdong) Company	Guangdong, Henan, Jiangsu, Sichuan	China mainland
	Tamil Nadu	India
Lite-On Technology Corporation	Guangdong, Hebei, Jiangsu	China mainland
LOTES Company Limited	Guangdong	China mainland
Luen Fung Group	Guangdong	China mainland
Lumentum Holdings Incorporated	Taiwan	Taiwan
	California	United States
Lumileds Holding B.V.	Penang	Malaysia
	Singapore	Singapore
Luxshare Precision Industry Company Limited	Anhui, Guangdong, Jiangsu, Jiangxi, Shanghai, Zhejiang	China mainland
	Bac Giang	Vietnam
LX Semicon Co., Ltd.	Singapore	Singapore
	Chungcheongbuk-Do, Chungcheongnam-Do, Gyeongsangbuk-Do	South Korea



SUPPLIER NAME	PRIMARY LOCATIONS WHERE MANUFACTURING FOR APPLE OCCURS	
Marian Incorporated	Guangdong, Jiangsu	China mainland
MicroChip Technology Incorporated	Laguna	Philippines
Micron Technology Incorporated	Shaanxi	China mainland
	Hiroshima	Japan
	Singapore	Singapore
	Taiwan	Taiwan
MinebeaMitsumi Incorporated	Phnom Penh	Cambodia
	Shandong, Shanghai	China mainland
	Aomori, Hokkaido, Kagawa, Kanagawa, Miyazaki, Tokyo, Yamagata	Japan
	Cebu	Philippines
	Lop Buri, Phra Nakhon Si Ayutthaya	Thailand
Molex Incorporated	Jiangsu, Liaoning, Shanghai	China mainland
	Karnataka	India
	Kagoshima, Shizuoka	Japan
	Penang	Malaysia
	Sonora	Mexico
	Singapore	Singapore
	Gyeonggi-Do	South Korea
	Da Nang, Hanoi	Vietnam



SUPPLIER NAME	PRIMARY LOCATIONS WHERE MANUFACTURING FOR APPLE OCCU	PRIMARY LOCATIONS WHERE MANUFACTURING FOR APPLE OCCURS	
Murata Manufacturing Company Limited	Guangdong, Jiangsu	China mainland	
	Fukui, Fukushima, Ishikawa, Miyagi, Miyazaki, Nagano, Okayama, Shiga, Shimane, Toyama	Japan	
	Perak	Malaysia	
	Singapore	Singapore	
	Taiwan	Taiwan	
	Lamphun	Thailand	
	Da Nang, Tien Giang	Vietnam	
MYS Group Company Limited	Chongqing, Guangdong, Jiangsu	China mainland	
	Ha Nam	Vietnam	
Nanofilm Technologies International Private Limited	Shanghai	China mainland	
	Hai Duong	Vietnam	
Nanya Technology Corporation	Jiangsu	China mainland	
	Taiwan	Taiwan	
Nichia Corporation	Tokushima	Japan	
Nidec Corporation	Guangdong	China mainland	
	Laguna	Philippines	
	Phra Nakhon Si Ayutthaya	Thailand	
Nippon Light Metal Holdings Company, Limited	Aichi	Japan	



SUPPLIER NAME	PRIMARY LOCATIONS WHERE MANUFACTURING FOR APP	PRIMARY LOCATIONS WHERE MANUFACTURING FOR APPLE OCCURS	
Nippon Steel & Sumitomo Metal Corporation	Jiangsu	China mainland	
	Chiba, Fukuoka, Yamaguchi	Japan	
Nissha Company Limited	Hyogo, Ishikawa, Shiga	Japan	
Nitto Denko Corporation	Guangdong, Shanghai	China mainland	
	Aichi, Hiroshima, Mie, Miyagi, Osaka	Japan	
	Gyeonggi-Do	South Korea	
NOK Corporation	Guangdong, Jiangsu	China mainland	
	Ibaraki	Japan	
	Taiwan	Taiwan	
	Phra Nakhon Si Ayutthaya	Thailand	
	Hung Yen	Vietnam	
Novatek Microelectronics Corp.	Taiwan	Taiwan	
NXP Semiconductors N.V.	Jiangsu, Shanghai	China mainland	
	Okayama	Japan	
	Gelderland	Netherlands	
	Singapore	Singapore	
	Taiwan	Taiwan	
	Chachoengsao, Phra Nakhon Si Ayutthaya	Thailand	
	Arizona	United States	



SUPPLIER NAME	PRIMARY LOCATIONS WHERE MANUFACTURING FOR APPLE OCCURS	
ON Semiconductor Corporation	Guangdong, Jiangsu, Shanghai, Sichuan	China mainland
	Zlin	Czech Republic
	Tamil Nadu	India
	Israel	Israel
	Chubu, Fukushima, Gifu, Niigata, Okayama, Toyama	Japan
	Negeri Sembilan, Penang, Selangor	Malaysia
	Cebu, Laguna, Tarlac	Philippines
	Singapore	Singapore
	Gyeonggi-Do	South Korea
	Taiwan	Taiwan
	Bangkok, Chachoengsao, Phra Nakhon Si Ayutthaya	Thailand
	Arizona, Idaho, Maine, Oregon, Pennsylvania, Texas, Utah	United States
Panasonic Corporation	Shandong	China mainland
	Jawa Barat, West Java	Indonesia
	Fukui, Hokkaido, Kyoto, Mie, Niigata, Okayama, Saga	Japan
Parade Technologies Limited	Sichuan	China mainland
	Singapore	Singapore
	Gyeonggi-Do, Jeollabuk-Do	South Korea
	Taiwan	Taiwan



SUPPLIER NAME	PRIMARY LOCATIONS WHERE MANUFACTURING FOR	PRIMARY LOCATIONS WHERE MANUFACTURING FOR APPLE OCCURS	
Pegatron Corporation	Jiangsu, Shanghai	China mainland	
	Tamil Nadu	India	
Phone In Mag-Electronics Company Limited	Henan, Jiangsu, Zhejiang	China mainland	
Pioneer Material Precision Tech Company Limited	Chongqing, Guangdong, Jiangsu	China mainland	
	Taiwan	Taiwan	
Platinum Optics Technology Incorporated	Taiwan	Taiwan	
POSCO International	Jiangsu, Shanghai	China mainland	
	Gyeonggi-Do	South Korea	
Power Integrations Incorporated	Kagoshima, Oita, Yamagata	Japan	
	Perak	Malaysia	
	Phra Nakhon Si Ayutthaya	Thailand	
	California	United States	
Primax Electronics Limited	Guangdong	China mainland	
Qorvo Incorporated	Beijing, Shandong	China mainland	
	Heredia	Costa Rica	
	North Carolina, Oregon, Texas	United States	
Quadrant Solutions	Zhejiang	China mainland	
QUALCOMM Incorporated	Singapore	Singapore	
	California	United States	
Quanta Computer Incorporated	Shanghai	China mainland	
	Bangkok	Thailand	



SUPPLIER NAME	PRIMARY LOCATIONS WHERE MANUFACTURING FOR APPLE OCCURS	
R.R. Donnelley and Sons Company	Guangdong, Henan, Jiangsu, Shanghai, Sichuan	China mainland
Radiant Opto-Electronics Corporation	Guangdong, Jiangsu	China mainland
Renesas Electronics Corporation	Sichuan	China mainland
	Shiga	Japan
	Penang	Malaysia
	Taiwan	Taiwan
	California, Minnesota	United States
Robert Bosch GmbH	Jiangsu	China mainland
	Baden-Württemberg	Germany
Rohm Company Limited	Hebei	China mainland
	Fukuoka, Ibaraki, Kyoto, Miyazaki, Okayama	Japan
	Kelantan	Malaysia
	Cavite	Philippines
	Pathum Thani	Thailand
SABIC - Saudi Arabian Oil Company	Guangdong, Shanghai	China mainland
	Indiana	United States
Samsung Electro-Mechanics Company Limited	Hebei	China mainland
	Laguna	Philippines
	Chungcheongnam-Do, Gyeongsangnam-Do	South Korea
	Chachoengsao	Thailand



SUPPLIER NAME	PRIMARY LOCATIONS WHERE MANUFACTURING FOR APPLE OCCURS	
Samsung Electronics Company Limited	Jiangsu, Shaanxi	China mainland
	Chungcheongnam-Do, Gyeonggi-Do	South Korea
	Texas	United States
	Bac Ninh	Vietnam
Samsung SDI Company Limited	Hebei	China mainland
	Chungcheongnam-Do	South Korea
Seoul Semiconductor Company Limited	Gyeonggi-Do	South Korea
	Ha Nam	Vietnam
Shandong Innovation Group	Shandong	China mainland
Shanghai Industrial Holdings Limited	Henan, Jiangsu, Shandong, Sichuan	China mainland
	Bac Ninh	Vietnam
Sharp Corporation	Jiangsu	China mainland
	Mie	Japan
	Binh Duong	Vietnam
Shenzhen Deren Electronic Company Limited	Guangdong	China mainland
Shenzhen Desay Battery Technology Company Limited	Guangdong	China mainland
Shenzhen Everwin Precision Technology Company Limited	Guangdong	China mainland
	Uttar Pradesh	India
Shenzhen Forceblack Technology Co., Ltd	Guangdong	China mainland



SUPPLIER NAME	PRIMARY LOCATIONS WHERE MANUFACTURING FOR APPLE O	PRIMARY LOCATIONS WHERE MANUFACTURING FOR APPLE OCCURS	
Shenzhen Linkconn Electronics Co., Ltd.	Jiangsu	China mainland	
Shenzhen Sunway Communication Company Limited	Beijing, Guangdong, Jiangsu	China mainland	
Shenzhen YUTO Packaging Technology Company Limited	Guangdong, Henan, Jiangsu, Shanghai, Sichuan	China mainland	
	Karnataka	India	
	Bac Ninh	Vietnam	
Shin Zu Shing Company Limited	Jiangsu	China mainland	
Simplo Technology Company Limited	Jiangsu	China mainland	
SK hynix Incorporated	Chongqing, Jiangsu	China mainland	
	Chungcheongbuk-Do, Gyeonggi-Do	South Korea	
Skyworks Solutions Incorporated	Osaka	Japan	
	Perak	Malaysia	
	Baja California	Mexico	
	Singapore	Singapore	
	Taiwan	Taiwan	
	California, Massachusetts	United States	
Solvay S.A.	Jiangsu	China mainland	
	Georgia	United States	
Sony Corporation	Aichi, Kumamoto, Miyagi, Nagasaki, Oita, Yamagata	Japan	
	Pathum Thani	Thailand	



SUPPLIER NAME	PRIMARY LOCATIONS WHERE MANUFACTURING FOR APPLE OCCURS	
STMicroelectronics N.V.	Guangdong, Jiangsu, Shandong, Shanghai	China mainland
	Auvergne-Rhône-Alpes, Centre-Val De Loire, Provence-Alpes-Còte D'Azur	France
	Lombardy, Sicily	Italy
	Johor, Perak, Selangor	Malaysia
	Malta	Malta
	Casablanca-Settat	Morocco
	Laguna	Philippines
	Singapore	Singapore
	Gyeonggi-Do	South Korea
	Taiwan	Taiwan
	Washington	United States
Stora Enso Oyj	Guangdong, Hebei, Jiangsu	China mainland
	Lodz	Poland
Sumida Corporation	Guangdong, Hunan	China mainland
Sumitomo Chemical Company Limited	Jiangsu	China mainland
	Ehime	Japan
Sumitomo Electric Industries Limited	Guangdong	China mainland
	Ehime, Shiga	Japan
	Laguna	Philippines
	Hanoi	Vietnam



Sunrex Technology Corporation Sunwoda Electronic Company Limited Guangdong, Zhejjang China mainland Cutar Pradesh Uttar Pradesh Uttar Pradesh China mainland Suzhou Anjie Technology Company Limited Jiangsu China mainland Suzhou Dongshan Precision Manufacturing Company Limited Jiangsu China mainland Suzhou Dongshan Precision Manufacturing Company Limited Jiangsu China mainland Suzhou Zhongjiemai Panel Industry Technology Company Limited Jiangsu Spraptics Incorporated Spraptics Incorporated Taiwan Hodaka Technology Company Limited Taiwan Hodaka Technology Company Limited Taiwan Semiconductor Manufacturing Company Limited Taiwan	SUPPLIER NAME	PRIMARY LOCATIONS WHERE MANUFACTURING FOR AF	PRIMARY LOCATIONS WHERE MANUFACTURING FOR APPLE OCCURS	
Sunvoida Electronic Company Limited Quagidong, Zhejjang Qthora hindia Qthora pracesh (India Qthora pracesh) (India	Sunny Optical Technology Co., Ltd.	Zhejiang	China mainland	
Suzhou Anjle Technology Company Limited Jiangsu China mainland Suzhou Dongsham Precision Manufacturing Company Limited Jiangsu China mainland Suzhou Dongsham Precision Manufacturing Company Limited Jiangsu China mainland Suzhou Zhongjiamai Panel Industry Technology Company Limited Jiangsu China mainland Synaptics Incorporated Beijing, Shanghai China Mainland Taiwan Hodaka Tachnology Company Limited Taiwan Family Famil	Sunrex Technology Corporation	Jiangsu	China mainland	
Suzhou Anije Technology Company Limited Jiangsu China mainland Suzhou Dongshan Precision Manufacturing Company Limited Jiangsu China mainland Suzhou Zhongjiernai Panel Industry Technology Company Limited Jiangsu China mainland Synaptics Incorporated China mainland Synaptics Incorporated Sejing, Shanghai China mainland Taiwan Hodaka Technology Company Limited Taiwan Taiwan Semiconductor Manufacturing Company Limited Shanghai China mainland Taiwan Semiconductor Manufacturing Company Limited Taiwan Taiwan Surface Mounting Technology Corporation Anhul, Jiangsu China mainland Taiwan Surface Mounting Technology Corporation Anhul, Jiangsu China mainland Taiwan Surface Mounting Technology Corporation Anhul, Jiangsu China mainland Taiwan Surface Mounting Technology Corporation Anhul, Jiangsu China mainland Taiwan Surface Mounting Technology Corporation Anhul, Jiangsu China mainland Taiwan Surface Mounting Technology Corporation Anhul, Jiangsu China mainland Taiwan Surface Mounting Technology Corporation Anhul, Jiangsu China mainland Taiwan Surface Mounting Technology Corporation Anhul, Jiangsu China mainland Taiwan Surface Mounting Technology Corporation Anhul, Jiangsu China mainland Taiwan Surface Mounting Technology Corporation Anhul, Jiangsu China mainland Taiwan Surface Mounting Technology Corporation Anhul, Jiangsu Anhul, Jiangsu China mainland Taiwan Surface Mounting Technology Corporation Anhul Jiangsu China mainland Taiwan Surface Mounting Technology Corporation Anhul Jiangsu China mainland Taiwan Surface Mounting Technology Corporation Anhul Jiangsu China mainland Taiwan Surface Mounting Technology Corporation Anhul Jiangsu China mainland Taiwan Surface Mounting Technology Corporation Anhul Jiangsu China mainland Taiwan Surface Mounting Technology Corporation Anhul Jiangsu China mainland Taiwan Surface Mounting Technology Corporation Anhul Jiangsu China mainland Taiwan Surface Mounting Technology Corporation Anhul Jiangsu China mainland Taiwan Surface Mounting Technology Corporation Anhul Jiangsu China mainland	Sunwoda Electronic Company Limited	Guangdong, Zhejiang	China mainland	
Suzhou Dongshan Precision Manufacturing Company Limited Jiangsu China mainland China mainland Suzhou Zhongjiemai Panel Industry Technology Company Limited Beijing, Shanghai China mainland China mainland Synaptics Incorporated Beijing, Shanghai China Manufacturing Company Limited Taiwan Modaka Technology Company Limited Taiwan Semiconductor Manufacturing Company Limited Shanghai China mainland Taiwan Semiconductor Manufacturing Company Limited Mashington United States  Taiwan Surface Mounting Technology Corporation Anhul, Jiangsu China mainland India  Taiwan Surface Mounting Technology Corporation Anhul, Jiangsu China mainland India  Taiwan Yuden Company Limited Guangdong China mainland Japan  Taiwan Surface Mounting Technology Corporation Anhul, Jiangsu China mainland India  Taiwan Yuden Company Limited Guangdong China mainland Japan  Taiwan Karawak Malaysia		Uttar Pradesh	India	
Suziou Zhongilemai Panel Industry Technology Company Limited Synaptics Incorporated Synaptics Incorporated Synaptics Incorporated Taiwan Hodaka Technology Company Limited Taiwan Semiconductor Manufacturing Company Limited Taiwan Semiconductor Manufacturing Company Limited Taiwan Surface Mounting Technology Corporation Taiwan Surface Mounting Technology	Suzhou Anjie Technology Company Limited	Jiangsu	China mainland	
Synaptics Incorporated Beijing, Shanghai China mainland Taiwan Hodaka Technology Company Limited Taiwan Taiwan Semiconductor Manufacturing Company Limited Shanghai Taiwan Taiwan Semiconductor Manufacturing Company Limited Shanghai Taiwan Taiwan Sunface Mounting Technology Corporation Taiwan Sunface Mountin	Suzhou Dongshan Precision Manufacturing Company Limited	Jiangsu	China mainland	
Taiwan Hodaka Technology Company Limited Taiwan Semiconductor Manufacturing Company Limited Shanghai Taiwan	Suzhou Zhongjiemai Panel Industry Technology Company Limited	Jiangsu	China mainland	
Taiwan Semiconductor Manufacturing Company Limited  Faiwan  Taiwan  Washington  Washington  Taiwan Surface Mounting Technology Corporation  Anhui, Jiangsu  Tamil Nadu  Taiwan Surface Mounting Technology Corporation  Taiwan Surface Mounting Technology Corporation  Taiwan Surface Mounting Technology Corporation  Tamil Nadu  Tamil Nadu  Taiwan Surface Mounting Technology Corporation  Taiwan Surface Mounting Techno	Synaptics Incorporated	Beijing, Shanghai	China mainland	
Taiwan Surface Mounting Technology Corporation Mahi, Jiangsu China mainland Taiwan Surface Mounting Technology Corporation Anhui, Jiangsu China mainland Tamil Nadu India Tamil Nadu China mainland Taiwan Company Limited Guangdong China mainland Tukshima, Gunma, Niigata, Wakayama Japan Sarawak Malaysia Cebu Philippines	Taiwan Hodaka Technology Company Limited	Taiwan	Taiwan	
Washington Washington United States  Taiwan Surface Mounting Technology Corporation Anhui, Jiangsu Taiwan Surface Mounting Technology Corporation Anhui, Jiangsu Tamil Nadu India  Tamil Nadu China mainland China mainland Fukushima, Gunma, Niigata, Wakayama Japan Sarawak Cebu Philippines	Taiwan Semiconductor Manufacturing Company Limited	Shanghai	China mainland	
Taiwan Surface Mounting Technology Corporation Anhui, Jiangsu Tamil Nadu India  Tamil Nadu China mainland India  China mainland India		Taiwan	Taiwan	
Tamil Nadu India  Taiyo Yuden Company Limited Guangdong China mainland  Fukushima, Gunma, Niigata, Wakayama Japan  Sarawak Malaysia  Cebu Philippines		Washington	United States	
Taiyo Yuden Company Limited  Guangdong  Fukushima, Gunma, Niigata, Wakayama  Sarawak  Cebu  China mainland  Japan  Malaysia  Philippines	Taiwan Surface Mounting Technology Corporation	Anhui, Jiangsu	China mainland	
Fukushima, Gunma, Niigata, Wakayama Japan Sarawak Malaysia Cebu Philippines		Tamil Nadu	India	
Sarawak Malaysia  Cebu Philippines	Taiyo Yuden Company Limited	Guangdong	China mainland	
Cebu		Fukushima, Gunma, Niigata, Wakayama	Japan	
		Sarawak	Malaysia	
Gyeongsangnam-Do South Korea		Cebu	Philippines	
		Gyeongsangnam-Do	South Korea	



SUPPLIER NAME	PRIMARY LOCATIONS WHERE MANUFACTURING FOR APPLE OCCURS	
TDK Corporation	Fujian, Guangdong, Liaoning, Shandong	China mainland
	Akita, Iwate, Nagano, Yamagata, Yamanashi	Japan
	Wisconsin	United States
Texas Instruments Incorporated	Sichuan	China mainland
	Bavaria	Germany
	Fukushima, Ibaraki, Niigata	Japan
	Malacca (Melaka), Selangor	Malaysia
	Benguet, Central Luzon, Pampanga	Philippines
	Singapore	Singapore
	Taiwan	Taiwan
	Maine, Texas	United States
The Chemours Company	South Holland	Netherlands
	New Jersey	United States
Tongda Group Holdings Limited	Fujian, Guangdong	China mainland
Toyoda Gosei Co., Limited	Taiwan	Taiwan
TPK Holding Company Limited	Fujian	China mainland
Trinseo S.A.	Taiwan	Taiwan
Triotek Technology Incorporated	Guangdong	China mainland
Tripod Technology Corporation	Hubei, Jiangsu	China mainland



SUPPLIER NAME	PRIMARY LOCATIONS WHERE MANUFACTURING FOR APPLE OCCURS	
TXC Corporation	Zhejiang	China mainland
	Aomori	Japan
	Taiwan	Taiwan
Unimicron Technology Corporation	Jiangsu	China mainland
	Hokkaido	Japan
	Taiwan	Taiwan
Unisteel Technology Limited (SFS Group)	Jiangsu, Shanghai	China mainland
Unitech Printed Circuit Board Corporation	Taiwan	Taiwan
United Test and Assembly Center Limited	Guangdong	China mainland
	Singapore	Singapore
	Bangkok, Chachoengsao	Thailand
VARTA Microbattery GmbH	Baden-Württemberg, Bavaria	Germany
Viavi Solutions Incorporated	Jiangsu	China mainland
Western Digital Corporation	Shanghai	China mainland
	Mie	Japan
	Penang	Malaysia
Winbond Electronics Corporation	Taiwan	Taiwan
Wingtech Technology Co., Ltd.	Guangdong, Yunnan, Zhejiang	China mainland
Winox Holdings Limited	Guangdong	China mainland
Wistron Corporation	Guangdong	China mainland
	Karnataka	India



SUPPLIER NAME	PRIMARY LOCATIONS WHERE MANUFACTURING FOR APPLE OCCURS	
Yageo Corporation	Guangdong, Jiangsu, Shanghai, Sichuan	China mainland
	Riau Islands	Indonesia
	Taiwan	Taiwan
Young Poong Corporation	Gyeonggi-Do	South Korea
	Vinh Phuc	Vietnam
Zhen Ding Technology Holding Limited	Guangdong, Hebei, Jiangsu	China mainland
	Tamil Nadu	India
Zhuhai CosMX Battery Co., Ltd.	Chongqing, Guangdong	China mainland

