
**UNITED STATES
SECURITIES AND EXCHANGE COMMISSION**
Washington, DC 20549

FORM SD

Specialized Disclosure Report



Lattice Semiconductor Corporation

(Exact name of registrant as specified in its charter)

Delaware
(State or other jurisdiction of incorporation)

000-18032
(Commission File Number)

93-0835214
(IRS Employer Identification No.)

5555 NE Moore Ct., Hillsboro, Oregon 97124
(Address of principal executive offices, including zip code)

Tracy Feanny
Senior Vice President, General Counsel & Secretary
(503) 268-8000

(Name and telephone number, including area code, of the person to contact in connection with this report.)

Check the appropriate box to indicate the rule pursuant to which this form is being filed:

- Rule 13p-1 under the Securities Exchange Act (17 CFR 240.13p-1) for the reporting period from January 1 to December 31, 2022.
 Rule 13p-1 under the Securities Exchange Act (17 CFR 240.13p-1) for the fiscal year ended _____.
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Section 1 — Conflict Minerals Disclosure

Item 1.01 Conflict Minerals Disclosure and Report

Lattice Semiconductor Corporation (together with its subsidiaries, "Lattice") has evaluated its products for the year ending December 31, 2022 and determined that certain products that it contracted to manufacture contain conflict minerals that are necessary to the functionality of such products and that, after conducting a reasonable country of origin inquiry, Lattice is filing a Conflict Minerals Report as Exhibit 1.01 to this Form SD. The Conflict Minerals Report is also publicly available on Lattice's website at <http://www.latticesemi.com/About/ESG>.

Item 1.02 Exhibit

Lattice Semiconductor Corporation has filed, as an exhibit to this Form SD, the Conflict Minerals Report required by Item 1.01.

Section 2 — Resource Extraction Issuer Disclosure

Item 2.01 Resource Extraction Issuer Disclosure and Report

Not applicable.

Section 3 — Exhibits

Item 3.01 Exhibits

Exhibit 1.01 - [Conflict Minerals Report as required by Items 1.01 and 1.02 of this Form](#).

SIGNATURES

Pursuant to the requirements of the Securities Exchange Act of 1934, the registrant has duly caused this report to be signed on its behalf by the duly authorized undersigned.

Lattice Semiconductor Corporation
(Registrant)

By: /s/ Tracy Feanny
Tracy Feanny
Senior Vice President, General Counsel & Secretary

Date: May 31, 2023



Conflict Minerals Report

This Conflict Minerals Report for Lattice Semiconductor Corporation is prepared pursuant to Rule 13p-1 under the Securities Exchange Act of 1934 ("Rule 13p-1") for the reporting period that ended December 31, 2022.

Lattice Semiconductor Corporation (collectively with its subsidiaries "Lattice," "we," or "our") designs, develops and markets programmable logic and connectivity solutions. Lattice has adopted a Conflict Minerals Sourcing Policy that expresses our desire to have our products be "DRC Conflict Free," meaning free from conflict minerals sourced from the Democratic Republic of the Congo and its adjoining countries ("Covered Countries") that finance or benefit armed groups. Conflict minerals are columbite-tantalite (coltan), cassiterite, gold, wolframite, and their derivatives which are limited to tantalum, tungsten, and tin, unless the Secretary of State determines that additional derivatives or minerals are financing a conflict in the Democratic Republic of the Congo or an adjoining country.

Products and Initiatives

Based on our internal assessment, our semiconductor devices, evaluation boards, and development hardware that we contract to manufacture contain conflict minerals that are necessary to their functionality (the "3TG Products"). In order to seek a DRC Conflict Free supply chain and to comply with reporting requirements, we established processes designed to determine the source and chain of custody of conflict minerals in the 3TG Products. We have also adopted a Conflict Minerals Sourcing Policy and we require our suppliers to acknowledge and comply with this policy, which is available on the Environmental, Social, and Corporate Governance page of our website at <http://www.latticesemi.com/About/ESG>.

Diligence Framework

Our due diligence strategy is consistent with the internationally recognized framework established by the Organisation for Economic Co-operation and Development Due Diligence Guidance for Responsible Supply Chains of Minerals from Conflict-Affected and High-Risk Areas, and related supplements. As part of our due diligence strategy, we established a company risk management system to support our ongoing efforts to identify, assess and respond to risks in our supply chain. Our company risk management system includes participation in industry-driven programs, including the adoption of the Responsible Business Alliance (the "RBA") Code of Conduct and our support of the third-party audits and assessments conducted in connection with the Responsible Minerals Initiative (the "RMI") Responsible Minerals Assurance Process (the "RMAP"). Because we are at least several levels removed from the mining, refining and smelting of conflict minerals, our diligence measures can only provide a reasonable assurance regarding the source and chain of custody of conflict minerals in our supply chain. To determine the use and source of conflict minerals in our 3TG Products, we rely upon certifications from suppliers and upon the third-party assessments completed in connection with the RMAP.

As part of the RMAP, smelters are identified as "Conformant" if they have undergone an audit and are conformant with the RMAP assessment protocols. Smelters are identified as "Active" if they are participants in the RMAP and have committed to undergo an audit or are participating in another recognized certification program. These RMAP designations are an integral part of our risk management process because they provide us with independent third-party audits of the due diligence practices of the upstream smelters and refiners in our supply chain.

As part of our strategy, we conduct good faith reasonable country of origin inquiries and due diligence designed to determine whether any conflict minerals in our 3TG Products originated in the Covered Countries. We follow industry standards by requesting each supplier in our supply chain to identify the processing facilities and other data related to conflict minerals in the 3TG Products using the latest version of the RMI Conflict Minerals Reporting Template (the "CMRT"). In order to determine the source and chain of custody of any conflict minerals in our supply chain, we communicate with the relevant suppliers in our supply chain, compile, validate and analyze the CMRT results, attempt to confirm reported results where appropriate, identify possible risks, work with our suppliers to mitigate those risks, and identify smelters and refiners certified by the RMI through the RMAP. If a supplier does not respond to our requests or provides an insufficient response, we engage in further discussions with that supplier to identify and assess risks. Our policy is to disengage with any supplier where we are concerned about conflict minerals sourced from the Covered Countries that finance or benefit armed groups, which may include suppliers from whom we did not receive a sufficient response after multiple inquiries. The results of our supply chain due diligence are reported regularly to Lattice management.

Due Diligence Results

In 2022, over 92% of our product related revenues originated from semiconductor devices, and all of our suppliers of semiconductor devices provided sufficient responses to our request. All but eight of our suppliers of semiconductor devices provided certifications that their upstream smelters and refiners have been certified as Conformant through the RMAP. We are working closely with those suppliers whose status has deviated from Active or Conformant to remedy the status and will consider taking action to disengage from those suppliers in the event that such status cannot be remedied.

Based on the information provided by our suppliers and as a result of our due diligence efforts for the period ended December 31, 2022, we believe that the conflict minerals contained in our 3TG Products originated from the facilities listed in Appendix I, as well as from recycled and scrap sources. Additional smelter and refinery information is contained within our CMRT, which is available upon request.

This Conflict Minerals Report was not subject to an independent private sector audit.

Appendix I

Mineral	Smelter	Location of Facility
Gold	Advanced Chemical Company	UNITED STATES OF AMERICA
Gold	Aida Chemical Industries Co., Ltd.	JAPAN
Gold	Agosi AG	GERMANY
Gold	Almalyk Mining and Metallurgical Complex (AMMC)	UZBEKISTAN
Gold	AngloGold Ashanti Corrego do Sitio Mineracao	BRAZIL
Gold	Argor-Heraeus S.A.	SWITZERLAND
Gold	Asahi Pretec Corp.	JAPAN
Gold	Asaka Riken Co., Ltd.	JAPAN
Gold	Aurubis AG	GERMANY
Gold	Bangko Sentral ng Pilipinas (Central Bank of the Philippines)	PHILIPPINES
Gold	Boliden AB	SWEDEN
Gold	C. Hafner GmbH + Co. KG	GERMANY
Gold	CCR Refinery - Glencore Canada Corporation	CANADA
Gold	Cendres + Metaux S.A.	SWITZERLAND
Gold	Chimet S.p.A.	ITALY
Gold	Chugai Mining	JAPAN
Gold	DSC (Do Sung Corporation)	KOREA, REPUBLIC OF
Gold	Dowa	JAPAN
Gold	Eco-System Recycling Co., Ltd. East Plant	JAPAN
Gold	LT Metal Ltd.	KOREA, REPUBLIC OF
Gold	Heimerle + Meule GmbH	GERMANY
Gold	Heraeus Metals Hong Kong Ltd.	CHINA
Gold	Heraeus Germany GmbH Co. KG	GERMANY
Gold	Inner Mongolia Qiankun Gold and Silver Refinery Share Co., Ltd.	CHINA
Gold	Ishifuku Metal Industry Co., Ltd.	JAPAN
Gold	Istanbul Gold Refinery	TURKEY
Gold	Japan Mint	JAPAN
Gold	Jiangxi Copper Co., Ltd.	CHINA
Gold	Asahi Refining USA Inc.	UNITED STATES OF AMERICA
Gold	Asahi Refining Canada Ltd.	CANADA
Gold	JX Nippon Mining & Metals Co., Ltd.	JAPAN
Gold	Kazzinc	KAZAKHSTAN
Gold	Kennecott Utah Copper LLC	UNITED STATES OF AMERICA
Gold	Kojima Chemicals Co., Ltd.	JAPAN
Gold	LS-NIKKO Copper Inc.	KOREA, REPUBLIC OF
Gold	Materion	UNITED STATES OF AMERICA
Gold	Matsuda Sangyo Co., Ltd.	JAPAN
Gold	Metalor Technologies (Suzhou) Ltd.	CHINA
Gold	Metalor Technologies (Hong Kong) Ltd.	CHINA
Gold	Metalor Technologies (Singapore) Pte., Ltd.	SINGAPORE
Gold	Metalor Technologies S.A.	SWITZERLAND
Gold	Metalor USA Refining Corporation	UNITED STATES OF AMERICA
Gold	Metalurgica Met-Mex Penoles S.A. De C.V.	MEXICO
Gold	Mitsubishi Materials Corporation	JAPAN
Gold	Mitsui Mining and Smelting Co., Ltd.	JAPAN

Mineral	Smelter	Location of Facility
Gold	Nadir Metal Rafineri San. Ve Tic. A.S.	TURKEY
Gold	Navoi Mining and Metallurgical Combinat	UZBEKISTAN
Gold	Nihon Material Co., Ltd.	JAPAN
Gold	Ohura Precious Metal Industry Co., Ltd.	JAPAN
Gold	PAMP S.A.	SWITZERLAND
Gold	PT Aneka Tambang (Persero) Tbk	INDONESIA
Gold	PX Precinox S.A.	SWITZERLAND
Gold	Rand Refinery (Pty) Ltd.	SOUTH AFRICA
Gold	Royal Canadian Mint	CANADA
Gold	Samduck Precious Metals	KOREA, REPUBLIC OF
Gold	SEMPSA Joyeria Plateria S.A.	SPAIN
Gold	Shandong Zhaojin Gold & Silver Refinery Co., Ltd.	CHINA
Gold	Sichuan Tianze Precious Metals Co., Ltd.	CHINA
Gold	Solar Applied Materials Technology Corp.	TAIWAN, PROVINCE OF CHINA
Gold	Sumitomo Metal Mining Co., Ltd.	JAPAN
Gold	Tanaka Kikinzoku Kogyo K.K.	JAPAN
Gold	Shandong Gold Smelting Co., Ltd.	CHINA
Gold	Tokuriki Honten Co., Ltd.	JAPAN
Gold	Torecom	KOREA, REPUBLIC OF
Gold	Umicore S.A. Business Unit Precious Metals Refining	BELGIUM
Gold	United Precious Metal Refining, Inc.	UNITED STATES OF AMERICA
Gold	Valcambi S.A.	SWITZERLAND
Gold	Western Australian Mint (T/a The Perth Mint)	AUSTRALIA
Gold	Yamakin Co., Ltd.	JAPAN
Gold	Yokohama Metal Co., Ltd.	JAPAN
Gold	Zhongyuan Gold Smelter of Zhongjin Gold Corporation	CHINA
Gold	Gold Refinery of Zijin Mining Group Co., Ltd.	CHINA
Gold	SAFINA A.S.	CZECH REPUBLIC
Gold	Umicore Precious Metals Thailand	THAILAND
Gold	Geib Refining Corporation	UNITED STATES OF AMERICA
Gold	MMTC-PAMP India Pvt., Ltd.	INDIA
Gold	KGHM Polska Miedz Spolka Akcyjna	POLAND
Gold	Singway Technology Co., Ltd.	TAIWAN, PROVINCE OF CHINA
Gold	Al Etihad Gold Refinery DMCC	UNITED ARAB EMIRATES
Gold	Emirates Gold DMCC	UNITED ARAB EMIRATES
Gold	T.C.A S.p.A	ITALY
Gold	REMONDIS PMR B.V.	NETHERLANDS
Gold	Korea Zinc Co., Ltd.	KOREA, REPUBLIC OF
Gold	TOO Tau-Ken-Altyn	KAZAKHSTAN
Gold	SAAMP	FRANCE
Gold	L'Orfebvre S.A.	ANDORRA
Gold	8853 S.p.A.	ITALY
Gold	Italpreziosi	ITALY
Gold	WIELAND Edelmetalle GmbH	GERMANY
Gold	Ogussa Osterreichische Gold- und Silber-Scheideanstalt GmbH	AUSTRIA
Gold	Bangalore Refinery	INDIA

Mineral	Smelter	Location of Facility
Gold	SungEel HiMetal Co., Ltd.	KOREA, REPUBLIC OF
Gold	Planta Recuperadora de Metales SpA	CHILE
Gold	Safimet S.p.A	ITALY
Gold	NH Recytech Company	KOREA, REPUBLIC OF
Gold	Eco-System Recycling Co., Ltd. North Plant	JAPAN
Gold	Eco-System Recycling Co., Ltd. West Plant	JAPAN
Gold	Metal Concentrators SA (Pty) Ltd.	SOUTH AFRICA
Tantalum	Changsha South Tantalum Niobium Co., Ltd.	CHINA
Tantalum	F&X Electro-Materials Ltd.	CHINA
Tantalum	XIMEI RESOURCES (GUANGDONG) LIMITED	CHINA
Tantalum	JiuJiang JinXin Nonferrous Metals Co., Ltd.	CHINA
Tantalum	Jiujiang Tanbre Co., Ltd.	CHINA
Tantalum	AMG Brasil	BRAZIL
Tantalum	Metallurgical Products India Pvt., Ltd.	INDIA
Tantalum	Mineracao Taboca S.A.	BRAZIL
Tantalum	Mitsui Mining and Smelting Co., Ltd.	JAPAN
Tantalum	NPM Silmet AS	ESTONIA
Tantalum	Ningxia Orient Tantalum Industry Co., Ltd.	CHINA
Tantalum	QuantumClean	UNITED STATES OF AMERICA
Tantalum	Yanling Jincheng Tantalum & Niobium Co., Ltd.	CHINA
Tantalum	Taki Chemical Co., Ltd.	JAPAN
Tantalum	Telex Metals	UNITED STATES OF AMERICA
Tantalum	Ulba Metallurgical Plant JSC	KAZAKHSTAN
Tantalum	Hengyang King Xing Lifeng New Materials Co., Ltd.	CHINA
Tantalum	D Block Metals, LLC	UNITED STATES OF AMERICA
Tantalum	FIR Metals & Resource Ltd.	CHINA
Tantalum	Jiujiang Zhongao Tantalum & Niobium Co., Ltd.	CHINA
Tantalum	XinXing HaoRong Electronic Material Co., Ltd.	CHINA
Tantalum	Jiangxi Dinghai Tantalum & Niobium Co., Ltd.	CHINA
Tantalum	KEMET de Mexico	MEXICO
Tantalum	TANIOBIS Co., Ltd.	THAILAND
Tantalum	TANIOBIS GmbH	GERMANY
Tantalum	H.C. Starck Hermsdorf GmbH	GERMANY
Tantalum	H.C. Starck Inc.	UNITED STATES OF AMERICA
Tantalum	TANIOBIS Japan Co., Ltd.	JAPAN
Tantalum	TANIOBIS Smelting GmbH & Co. KG	GERMANY
Tantalum	Global Advanced Metals Boyertown	UNITED STATES OF AMERICA
Tantalum	Global Advanced Metals Aizu	JAPAN
Tantalum	Resind Industria e Comercio Ltda.	BRAZIL
Tantalum	Jiangxi Tuohong New Raw Material	CHINA
Tin	Chenzhou Yunxiang Mining and Metallurgy Co., Ltd.	CHINA
Tin	Alpha	UNITED STATES OF AMERICA
Tin	PT Aries Kencana Sejahtera	INDONESIA
Tin	Dowa	JAPAN
Tin	EM Vinto	BOLIVIA (PLURINATIONAL STATE OF)
Tin	Estanho de Rondonia S.A.	BRAZIL

Mineral	Smelter	Location of Facility
Tin	Fenix Metals	POLAND
Tin	Gejiu Non-Ferrous Metal Processing Co., Ltd.	CHINA
Tin	Gejiu Zili Mining And Metallurgy Co., Ltd.	CHINA
Tin	China Tin Group Co., Ltd.	CHINA
Tin	Malaysia Smelting Corporation (MSC)	MALAYSIA
Tin	Mineracao Taboca S.A.	BRAZIL
Tin	Minsur	PERU
Tin	Mitsubishi Materials Corporation	JAPAN
Tin	Jiangxi New Nanshan Technology Ltd.	CHINA
Tin	O.M. Manufacturing (Thailand) Co., Ltd.	THAILAND
Tin	Operaciones Metalurgicas S.A.	BOLIVIA (PLURINATIONAL STATE OF)
Tin	PT Artha Cipta Langgeng	INDONESIA
Tin	PT Babel Inti Perkasa	INDONESIA
Tin	PT Babel Surya Alam Lestari	INDONESIA
Tin	PT Bangka Tin Industry	INDONESIA
Tin	PT Bukit Timah	INDONESIA
Tin	PT Mitra Stania Prima	INDONESIA
Tin	PT Prima Timah Utama	INDONESIA
Tin	PT Refined Bangka Tin	INDONESIA
Tin	PT Sariwiguna Binasentosa	INDONESIA
Tin	PT Stanindo Inti Perkasa	INDONESIA
Tin	PT Timah Tbk Kundur	INDONESIA
Tin	PT Timah Tbk Mentok	INDONESIA
Tin	PT Tinindo Inter Nusa	INDONESIA
Tin	Rui Da Hung	TAIWAN, PROVINCE OF CHINA
Tin	Thaisarco	THAILAND
Tin	White Solder Metalurgia e Mineracao Ltda.	BRAZIL
Tin	Yunnan Chengfeng Non-ferrous Metals Co., Ltd.	CHINA
Tin	Tin Smelting Branch of Yunnan Tin Co., Ltd.	CHINA
Tin	CV Venus Inti Perkasa	INDONESIA
Tin	Magnu's Minerais Metais e Ligas Ltda.	BRAZIL
Tin	PT ATD Makmur Mandiri Jaya	INDONESIA
Tin	O.M. Manufacturing Philippines, Inc.	PHILIPPINES
Tin	CV Ayi Jaya	INDONESIA
Tin	PT Rajehan Ariq	INDONESIA
Tin	PT Cipta Persada Mulia	INDONESIA
Tin	Resind Industria e Comercio Ltda.	BRAZIL
Tin	Metallo Belgium N.V.	BELGIUM
Tin	Metallo Spain S.L.U.	SPAIN
Tin	PT Sukses Inti Makmur	INDONESIA
Tin	PT Menara Cipta Mulia	INDONESIA
Tin	Guangdong Hanhe Non-Ferrous Metal Co., Ltd.	CHINA
Tin	Chifeng Dajingzi Tin Industry Co., Ltd.	CHINA
Tin	PT Bangka Serumpun	INDONESIA
Tin	Tin Technology & Refining	UNITED STATES OF AMERICA
Tin	PT Rajawali Rimba Perkasa	INDONESIA

Mineral	Smelter	Location of Facility
Tin	Luna Smelter, Ltd.	RWANDA
Tin	PT Mitra Sukses Globalindo	INDONESIA
Tin	CRM Synergies	SPAIN
Tin	Fabrica Auricchio Industria e Comercio Ltda.	BRAZIL
Tin	PT Putera Sarana Shakti (PT PSS)	INDONESIA
Tungsten	A.L.M.T. Corp.	JAPAN
Tungsten	Kennametal Huntsville	UNITED STATES OF AMERICA
Tungsten	Guangdong Xianglu Tungsten Co., Ltd.	CHINA
Tungsten	Chongyi Zhangyuan Tungsten Co., Ltd.	CHINA
Tungsten	Global Tungsten & Powders Corp.	UNITED STATES OF AMERICA
Tungsten	Hunan Chenzhou Mining Co., Ltd.	CHINA
Tungsten	Hunan Chunchang Nonferrous Metals Co., Ltd.	CHINA
Tungsten	Japan New Metals Co., Ltd.	JAPAN
Tungsten	Ganzhou Huaxing Tungsten Products Co., Ltd.	CHINA
Tungsten	Kennametal Fallon	UNITED STATES OF AMERICA
Tungsten	Wolfram Bergbau und Hutten AG	AUSTRIA
Tungsten	Xiamen Tungsten Co., Ltd.	CHINA
Tungsten	Ganzhou Jiangwu Ferrotungsten Co., Ltd.	CHINA
Tungsten	Jiangxi Yaosheng Tungsten Co., Ltd.	CHINA
Tungsten	Jiangxi Xinsheng Tungsten Industry Co., Ltd.	CHINA
Tungsten	Jiangxi Tonggu Non-ferrous Metallurgical & Chemical Co., Ltd.	CHINA
Tungsten	Malipo Haiyu Tungsten Co., Ltd.	CHINA
Tungsten	Xiamen Tungsten (H.C.) Co., Ltd.	CHINA
Tungsten	Jiangxi Gan Bei Tungsten Co., Ltd.	CHINA
Tungsten	Ganzhou Seadragon W & Mo Co., Ltd.	CHINA
Tungsten	Asia Tungsten Products Vietnam Ltd.	VIETNAM
Tungsten	Chenzhou Diamond Tungsten Products Co., Ltd.	CHINA
Tungsten	H.C. Starck Tungsten GmbH	GERMANY
Tungsten	TANIOBIS Smelting GmbH & Co. KG	GERMANY
Tungsten	Masan High-Tech Materials	VIETNAM
Tungsten	Jiangwu H.C. Starck Tungsten Products Co., Ltd.	CHINA
Tungsten	Niagara Refining LLC	UNITED STATES OF AMERICA
Tungsten	China Molybdenum Tungsten Co., Ltd.	CHINA
Tungsten	Ganzhou Haichuang Tungsten Co., Ltd.	CHINA
Tungsten	Philippine Chuangxin Industrial Co., Inc.	PHILIPPINES
Tungsten	Xinfeng Huarui Tungsten & Molybdenum New Material Co., Ltd.	CHINA
Tungsten	Fujian Ganmin RareMetal Co., Ltd.	CHINA
Tungsten	Lianyou Metals Co., Ltd.	TAIWAN, PROVINCE OF CHINA

The conflict minerals contained in our 3TG Products, to the extent known, are believed to have been sourced from recycled materials or facilities in the following countries: Andorra, Austria, Australia, Belgium, Bolivia, Brazil, Canada, Chile, China, Czech Republic, Estonia, France, Germany, India, Indonesia, Italy, Japan, Kazakhstan, Republic of Korea, Malaysia, Mexico, Netherlands, Peru, Philippines, Poland, Rwanda, Singapore, South Africa, Spain, Sweden, Switzerland, Taiwan, Thailand, Turkey, United States, United Arab Emirates, Uzbekistan, Vietnam.