

FORM 4

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Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See Instruction 1(b).

**UNITED STATES SECURITIES AND EXCHANGE COMMISSION
Washington, D.C. 20549**

Check this box to indicate that a transaction was made pursuant to a contract, instruction or written plan that is intended to satisfy the affirmative defense conditions of Rule 10b5-1(c). See Instruction 10.

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF SECURITIES

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934 or Section 30(h) of the Investment Company Act of 1940

1. Name and Address of Reporting Person Mueller Thomas John <small>(Last) (First) (Middle)</small> 200 FLYNN RD. <small>(Street)</small> CAMARILLO, CA 93012 <small>(City) (State) (Zip)</small>	2. Issuer Name and Ticker or Trading Symbol SEMTECH CORP [SMTC]	5. Relationship of Reporting Person(s) to Issuer (Check all applicable) <input type="checkbox"/> Director <input type="checkbox"/> 10% Owner <input checked="" type="checkbox"/> Officer (give title below) <input type="checkbox"/> Other (specify below) EVP
3. Date of Earliest Transaction (MM/DD/YYYY) <p align="center">1/13/2024</p>		6. Individual or Joint/Group Filing (Check Applicable Line) <input checked="" type="checkbox"/> Form filed by One Reporting Person <input type="checkbox"/> Form filed by More than One Reporting Person
4. If Amendment, Date Original Filed (MM/DD/YYYY)		

Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned

1. Title of Security (Instr. 3)	2. Trans. Date	2A. Deemed Execution Date, if any	3. Trans. Code (Instr. 8)		4. Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5)			5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Beneficial Ownership (Instr. 4)
			Code	V	Amount	(A) or (D)	Price			
Common Stock	1/13/2024		M		8,002	A	\$19.06	8,002	D	
Common Stock	1/13/2024		F		4,398	D	\$19.06	3,604	D	

Table II - Derivative Securities Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)

1. Title of Derivate Security (Instr. 3)	2. Conversion or Exercise Price of Derivative Security	3. Trans. Date	3A. Deemed Execution Date, if any	4. Trans. Code (Instr. 8)		5. Number of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5)		6. Date Exercisable and Expiration Date		7. Title and Amount of Securities Underlying Derivative Security (Instr. 3 and 4)		8. Price of Derivative Security (Instr. 5)	9. Number of derivative Securities Beneficially Owned Following Reported Transaction(s) (Instr. 4)	10. Ownership Form of Derivative Security: Direct (D) or Indirect (I) (Instr. 4)	11. Nature of Indirect Beneficial Ownership (Instr. 4)
				Code	V	(A)	(D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares				
Restricted Stock Unit	(1)	1/13/2024		M		8,002		(2)	(2)	Common Stock	8,002	\$0	24,008	D	

Explanation of Responses:

- (1) Each stock unit is the economic equivalent of one share of Semtech common stock.
- (2) This grant vests in four annual installments beginning on January 13, 2024.

Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
Mueller Thomas John 200 FLYNN RD. CAMARILLO, CA 93012			EVP	

Signatures

/s/Thomas John Mueller by Mark Lin under Power of Attorney dated October 6, 2023 (Copy On File)

1/16/2024

**Signature of Reporting Person

Date

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

* If the form is filed by more than one reporting person, see Instruction 4(b)(v).

** Intentional misstatements or omissions of facts constitute Federal Criminal Violations. See 18 U.S.C. 1001 and 15 U.S.C. 78ff(a).

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, see Instruction 6 for procedure.

Persons who respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB control number.



POWER OF ATTORNEY

The undersigned, Thomas John Mueller, hereby constitutes and appoints Jeffrey Gutierrez and Mark Lin and each of them, jointly and severally, their lawful attorney-in-fact and agent, with full power of substitution and re-substitution, for them and in their name, place and stead, in any and all capacities, to execute and file with the Securities and Exchange Commission and any stock exchange or similar authority (or any other governmental or regulatory authority) Forms ID, 3, 4 and 5 under Section 16(a) of the Securities Exchange Act of 1934, as amended (the "Act") and the rules thereunder, or any other appropriate form, and all amendments thereto with all exhibits and any and all documents required to be filed with respect thereto, relating to their holdings or beneficial ownership of securities issued by Semtech Corporation, a corporation organized under the laws of the State of Delaware (the "Corporation"), granting unto said attorneys-in-fact and agents, and each of them, full power and authority to do and perform each and every act and thing requisite or necessary to be done as fully to all intents and purposes as they might or could do in person, hereby ratifying and confirming all that said attorneys-in-fact and agents, and each of them, or his or her substitute or substitutes, may do or lawfully cause to be done by virtue hereof.

The undersigned acknowledges that the foregoing attorneys-in-fact and agents, solely by virtue of serving in such capacity at the request of the undersigned, are not assuming, nor is the Corporation assuming, any of the undersigned's responsibilities to comply with Section 16 of the Act.

This Power of Attorney shall remain in full force and effect until the undersigned is no longer required to file Forms ID, 3, 4 and 5 with respect to the undersigned's holdings or beneficial ownership of and transactions in securities issued by the Corporation, unless earlier revoked by the undersigned in a writing delivered to the foregoing attorneys-in- fact.

/s/ Thomas John Mueller

Thomas John Mueller

October 6, 2023

