

MELLANOX TECHNOLOGIES, LTD.

Reported by
WALDMAN EYAL

FORM 4

(Statement of Changes in Beneficial Ownership)

Filed 04/27/17 for the Period Ending 04/25/17

Address	350 OAKMEAD PARKWAY, SUITE 100 SUNNYVALE, CA 94085
Telephone	408-970-3400
CIK	0001356104
Symbol	MLNX
SIC Code	3674 - Semiconductors and Related Devices
Industry	Semiconductors
Sector	Technology
Fiscal Year	12/31

FORM 4

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

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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 *		2. Issuer Name and Ticker or Trading Symbol		5. Relationship of Reporting Person(s) to Issuer (Check all applicable)	
Waldman Eyal		Mellanox Technologies, Ltd. [MLNX]		<input checked="" type="checkbox"/> Director _____ 10% Owner <input checked="" type="checkbox"/> Officer (give title below) _____ Other (specify below) President and CEO	
(Last) (First) (Middle)		3. Date of Earliest Transaction (MM/DD/YYYY)			
C/O MELLANOX TECHNOLOGIES, LTD., 26 HAKIDMA ST. BEIT MELLANOX		4/25/2017			
(Street)		4. If Amendment, Date Original Filed (MM/DD/YYYY)		6. Individual or Joint/Group Filing (Check Applicable Line)	
YOKNEAM, L3 2069200				<input checked="" type="checkbox"/> Form filed by One Reporting Person <input type="checkbox"/> Form filed by More than One Reporting Person	
(City) (State) (Zip)					

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 Indirect Beneficial Ownership (Instr. 4)
			Code	V	Amount	(A) or (D)	Price			
Ordinary Shares	4/25/2017		A		90000 (1) (2)	A	\$0.00	538968 (3)	D	
Ordinary Shares								1426041	I	By Partnership (4)

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				

Explanation of Responses:

- Restricted Share Units ("RSU's"). The Reporting Person is entitled to receive one (1) ordinary share for each one (1) RSU.
- The RSU's stock units will vest at a rate of one-fourth (1/4th) of the original number of ordinary shares on May 1, 2018, and the remaining thereafter at a rate of one-sixteenth (1/16th) of the original number of shares on the first day of each quarterly period of August, November, February and May commencing on August 1, 2018, with the last one-sixteenth (1/16th) of the original number of shares vesting on May 1, 2021, so long as Mr. Waldman continues to provide services to the Issuer.
- Includes 247,500 unvested Restricted Share Units (RSU's). Upon vesting thereof, the Reporting Person is entitled to receive one (1) Ordinary Share for each one (1) RSU.
- Shares held by Waldo Holdings 2, a general partnership formed pursuant to the laws of Israel of which Mr. Waldman is a general partner. Mr. Waldman has sole voting and dispositive power over all of the shares reported on this Form 4.

Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
Waldman Eyal C/O MELLANOX TECHNOLOGIES, LTD., 26 HAKIDMA ST. BEIT MELLANOX YOKNEAM, L3 2069200	X		President and CEO	

Signatures

/s/ Eyal Waldman by Cheryl Ganapol, Power-of-Attorney

4/27/2017

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.

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