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

FORM 8-K

CURRENT REPORT

Pursuant to Section 13 or 15(d) of the Securities Exchange Act of 1934

Date of report (Date of earliest event reported): November 17, 2022

Actelis Networks, Inc.

(Exact name of registrant as specified in its charter)

001-41375

52-2160309

Delaware (State or other jurisdiction of incorporation)

(Commission File Number)

(I.R.S. Employer Identification Number)

4039 Clipper Court, Fremont, CA 94538

(Address of principal executive offices)

(510) 545-1045

(Registrant's telephone number, including area code)

(Former name or former address, if changed since last report)

Check the appropriate box below if the Form 8-K filing is intended to simultaneously satisfy the filing obligation of the registrant under any of the following provisions (see General Instructions A.2. below):

□ Written communications pursuant to Rule 425 under the Securities Act (17 CFR 230.425)

□ Soliciting material pursuant to Rule 14a-12 under the Exchange Act (17 CFR 240.14a-12)

□ Pre-commencement communications pursuant to Rule 14d-2(b) under the Exchange Act (17 CFR 240.14d-2(b))

□ Pre-commencement communications pursuant to Rule 13e-4(c) under the Exchange Act (17 CFR 240.13e-4(c))

Securities registered pursuant to Section 12(b) of the Act:

Title of each class	Trading Symbol(s)	Name of each exchange on which registered
Common Stock, \$0.0001 par value per share	ASNS	Nasdaq Capital Market

Indicate by check mark whether the registrant is an emerging growth company as defined in Rule 405 of the Securities Act of 1933 (§230.405 of this chapter) or Rule 12b-2 of the Securities Exchange Act of 1934 (§240.12b-2 of this chapter).

Emerging growth company

If an emerging growth company, indicate by check mark if the registrant has elected not to use the extended transition period for complying with any new or revised financial accounting standards provided pursuant to Section 13(a) of the Exchange Act.

Item 7.01. Regulation FD.

On November 22, 2022, Actelis Networks, Inc. (the "Company") issued a press release announcing that the Company's Board of Directors (the "Board") has authorized a share repurchase program, pursuant to which the Company may repurchase up to \$1.0 million of its outstanding shares of common stock. A copy of the press release is attached as Exhibit 99.1 to this Current Report on Form 8-K.

The information included in this Item 7.01, including Exhibit 99.1, shall not be deemed to be "filed" for purposes of Section 18 of the Securities Exchange Act of 1934, as amended (the "Exchange Act"), or otherwise subject to the liabilities of that section, nor shall such information be deemed incorporated by reference in any filing under the Securities Act of 1933, as amended, or the Exchange Act, except as shall be expressly set forth by specific reference in such a filing. The information set forth under this Item 7.01 shall not be deemed an admission as to the materiality of any information in this Current Report on Form 8-K that is required to be disclosed solely to satisfy the requirements of Regulation FD.

Item 8.01 Other Events.

On November 17, 2022, the Board authorized a stock repurchase program pursuant to which the Company intends to repurchase up to \$1.0 million of its outstanding shares of common stock. The Board authorized the Company to purchase its common stock from time to time on a discretionary basis through open market or private transactions, through block trades, and pursuant to any trading plan that may be adopted in accordance with Rule 10b5-1 of the Exchange Act and other applicable legal requirements.

Repurchases under the share repurchase program will be made at management's discretion at prices management considers to be attractive and in the best interests of both the Company and its stockholders, subject to the availability of stock, general market conditions, the trading price of the stock, alternative uses for capital, and the Company's financial performance. The repurchase program may be suspended, terminated or modified at any time for any reason, including market conditions, the cost of repurchasing shares, the availability of alternative investment opportunities, liquidity, and other factors deemed appropriate. These factors may also affect the timing and amount of share repurchases. The repurchase program does not obligate the Company to purchase any particular number of shares.

Item 9.01 Financial Statements and Exhibits.

(d) Exhibits.

Exhibit No.	Exhibit Description
99.1	Press release issued by the registrant on November 22, 2022.
104	Cover Page Interactive Data File (embedded within the Inline XBRL document)
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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 undersigned hereunto duly authorized.

Dated: November 22, 2022

ACTELIS NETWORKS, INC.

/s/ Tuvia Barlev

By:

Name: Tuvia Barlev Title: Chief Executive Officer

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Actelis Networks, Inc. Authorizes up to \$1 Million Share Repurchase Program

FREMONT, Calif., November 22, 2022 — Actelis Networks, Inc. (NASDAQ: ASNS) ("Actelis" or the "Company"), a market leader in cyber-hardened, rapid-deployment networking solutions for wide-area IoT networks, today announced that its Board of Directors has authorized a share repurchase program pursuant to which the Company may repurchase up to \$1 million of its outstanding shares of common stock (the "Share Repurchase Program").

The Board of Directors authorized the Company to purchase its common stock from time to time on a discretionary basis through open market purchases, privately negotiated transactions or other means, including trading plans intended to qualify under Rule 10b-18 of the Securities Exchange Act of 1934, as amended, in accordance with applicable federal securities laws and other applicable legal requirements. The Company expects to fund these repurchases through existing cash balances. Decisions regarding the amount and timing of purchases under the Share Repurchase Program will be based on the Company's cash on hand, cash flows from operations, general market conditions, regulatory requirements and other factors. Actelis is not obligated to acquire any particular amount of its common stock under the Share Repurchase Program. The Share Repurchase Program has no set termination date and may be suspended or discontinued by the Company's Board of Directors at any time.

"We believe that there is a disconnect between our current share-price and the fair value of our stock" said Tuvia Barlev, CEO of Actelis. "2022 has been a year of investment and growth for Actelis and with our continuous efforts, we look forward to further accelerate our growth. The authorization of this Share Repurchase Program reflects our leadership's confidence in the trajectory of the organization and our ability to generate long-term shareholder value."

About Actelis Networks, Inc.

Actelis Networks, Inc. is a market leader in cyber-hardened, rapid-deployment networking solutions for wide-area IoT applications including federal, state and local government, ITS, military, utility, rail, telecom and campus applications. Actelis' unique portfolio of hybrid fiber-copper, environmentally hardened aggregation switches, high density Ethernet devices, advanced management software and cyber-protection capabilities, unlocks the hidden value of essential networks, delivering safer connectivity for rapid, cost-effective deployment. For more information, please visit www.actelis.com.

Cautionary Statement Concerning Forward-Looking Statements

This press release contains "forward-looking statements" within the meaning of the Private Securities Litigation Reform Act of 1995 and other securities laws. Words such as "expects," "anticipates," "intends," "plans," "believes," "seeks," "estimates" and similar expressions or variations of such words are intended to identify forward-looking statements. Forward-looking statements are not historical facts, and are based upon management's current expectations, beliefs and projections, many of which, by their nature, are inherently uncertain. Such expectations, beliefs and projections are expressed in good faith. However, there can be no assurance that management's expectations, beliefs and projections will be achieved, and actual results may differ materially from what is expressed in or indicated by the forward-looking statements. Forward-looking statements are subject to risks and uncertainties that could cause actual performance or results to differ materially from those expressed in the forward-looking statements. For a more detailed description of the risks and uncertainties affecting the Company, reference is made to the Company's reports filed from time to time with the SEC, including, but not limited to, the risks detailed in the Company's final prospectus (Registration No. 333-264321), filed with the SEC on May 16, 2022. Investors and security holders are urged to read these documents free of charge on the Securities and Exchange Commission's web site at http://www.sec.gov. Forward-looking statements, no inference should be drawn that the Company will make additional updates with respect thereto or with respect to other forward-looking information except to the extent required by applicable securities laws. If the Company does update one or more forward-looking statements, no inference should be drawn that the Company will make additional updates with respect thereto or with respect to other forward-looking information except to the information contained on such websites

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