SECURITIES AND EXCHANGE COMMISSION
Washington, D.C. 20549

SCHEDULE 13D

Under the Securities Exchange Act of 1934

(Amendment No. 12)*

Frequency Electronics, Inc.

(Name of Issuer)

Common Stock, par value $1.00 per share

(Title of Class of Securities)

(CUSIP Number)

Jonathan Brolin
Edenbrook Capital, LLC, 116 Radio Circle,
Mount Kisco, NY, 10549
914-239-3117

(Name, Address and Telephone Number of Person Authorized to Receive Notices and Communications)

07/28/2026

(Date of Event Which Requires Filing of This Statement)

If the filing person has previously filed a statement on Schedule 13G to report the acquisition that is the subject of this Schedule 13D, and is filing this schedule because of §§ 240.13d-1(e), 240.13d-1(f) or 240.13d-1(g), check the following box. ☐

The information required on the remainder of this cover page shall not be deemed to be "filed" for the purpose of Section 18 of the Securities Exchange Act of 1934 ("Act") or otherwise subject to the liabilities of that section of the Act but shall be subject to all other provisions of the Act (however, see the Notes).

SCHEDULE 13D

CUSIP No.

1	Name of reporting person Edenbrook Capital, LLC
2	Check the appropriate box if a member of a Group (See Instructions)

☐ (a)
☐ (b)

3 SEC use only

4 Source of funds (See Instructions)

AF

5 Check if disclosure of legal proceedings is required pursuant to Items 2(d) or 2(e)

☐

6 Citizenship or place of organization

NEW YORK

Number of Shares Beneficially Owned by Each Reporting Person With:	7	Sole Voting Power 0.00
	8	Shared Voting Power 1,221,636.00
	9	Sole Dispositive Power 0.00
	10	Shared Dispositive Power 1,221,636.00

11 Aggregate amount beneficially owned by each reporting person

1,221,636.00

12 Check if the aggregate amount in Row (11) excludes certain shares (See Instructions)

☐

13 Percent of class represented by amount in Row (11)

11.15 %

14 Type of Reporting Person (See Instructions)

IA, OO

SCHEDULE 13D

CUSIP No.

1 Name of reporting person

Edenbrook Long Only Value Fund, LP

2 Check the appropriate box if a member of a Group (See Instructions)

☐ (a)
☐ (b)

3 SEC use only

4 Source of funds (See Instructions)

WC

5 Check if disclosure of legal proceedings is required pursuant to Items 2(d) or 2(e)

☐

6 Citizenship or place of organization

DELAWARE

Number of	7	Sole Voting Power

Shares Beneficially Owned by Each Reporting Person With:

0.00

8 Shared Voting Power

1,047,958.00

9 Sole Dispositive Power

0.00

10 Shared Dispositive Power

1,047,958.00

11 Aggregate amount beneficially owned by each reporting person

1,047,958.00

12 Check if the aggregate amount in Row (11) excludes certain shares (See Instructions)

☐

13 Percent of class represented by amount in Row (11)

9.56 %

14 Type of Reporting Person (See Instructions)

PN

SCHEDULE 13D

CUSIP No.

1 Name of reporting person

Jonathan Brolin

2 Check the appropriate box if a member of a Group (See Instructions)

☐ (a)
☐ (b)

3 SEC use only

4 Source of funds (See Instructions)

AF

5 Check if disclosure of legal proceedings is required pursuant to Items 2(d) or 2(e)

☐

6 Citizenship or place of organization

UNITED STATES

Number of Shares Beneficially Owned by Each Reporting Person With:

7 Sole Voting Power

21,305.00

8 Shared Voting Power

1,221,636.00

9 Sole Dispositive Power

21,305.00

10 Shared Dispositive Power

1,221,636.00

11 Aggregate amount beneficially owned by each reporting person

	1,242,941.00
12	Check if the aggregate amount in Row (11) excludes certain shares (See Instructions) ☐
13	Percent of class represented by amount in Row (11) 11.33 %
14	Type of Reporting Person (See Instructions) IN

Comment for Type of Reporting Person: Includes 21,305 restricted stock units ("RSUs") held by Mr. Brolin, of which 7,901 RSUs have vested as of the date hereof.

SCHEDULE 13D

Item 1. Security and Issuer

(a) Title of Class of Securities:

Common Stock, par value $1.00 per share

(b) Name of Issuer:

Frequency Electronics, Inc.

(c) Address of Issuer's Principal Executive Offices:

55 CHARLES LINDBERGH BLVD, MITCHEL FIELD, NEW YORK , 11553.

Item 1 Comment: This Amendment No. 12 ("Amendment No. 12) amends and supplements the statement on Schedule 13D filed by the Reporting Persons with the Securities and Exchange Commission (the "SEC") on March 18, 2016, as subsequently amended on Schedule 13D (as amended thereby and hereby, the "Schedule 13D"), with respect to the Common Stock, par value $1.00 (the "Common Stock") of Frequency Electronics, Inc. (the "Issuer"). Capitalized terms used herein and not otherwise defined in this Amendment No. 12 have the meanings set forth in the Schedule 13D. This Amendment No. 12 supplements Items 3, 4, 6, and 7, and amends and restates Item 5(a) - (c) as set forth below.

Item 3. Source and Amount of Funds or Other Consideration

The net investment costs (including commissions, if any) of the Common Stock directly owned by the private investment funds advised by Edenbrook is approximately $11,226,336. The RSUs were acquired by Mr. Brolin in consideration for his service on the board of directors of the Issuer.

Item 4. Purpose of Transaction

On July 28, 2026, Edenbrook Value Fund, LP, a private fund managed by Edenbrook, and Edenbrook Long Only Value Fund, LP (the "Fund"), as selling stockholders, and the Issuer entered into an underwriting agreement (the "Underwriting Agreement") with Morgan Stanley & Co. LLC, (the "Underwriter"), providing for the offer and sale of 97,826 shares of Common Stock by Edenbrook Value Fund, LP and 554,348 shares of Common Stock by the Fund (the "Offering"), and purchase by the Underwriter of the shares of Common Stock, at a gross price to Edenbrook Value Fund, LP and the Fund of $57.50 per share. The Offering closed on July 30, 2026. The Offering was made pursuant to the Issuer's shelf registration statement on Form S-3 (File No. 333-297549), as supplemented by a preliminary prospectus supplement dated July 28, 2026. Pursuant to the Underwriting Agreement, Edenbrook Value Fund, LP and the Fund have entered into a lock-up agreement (the "Lock-Up Agreement") with the Underwriter pursuant to which each has agreed with the Underwriter, subject to customary exceptions, for a period of 60 days after the date of the final prospectus for the offering, not to dispose of any shares of Common Stock or any securities convertible into or exercisable or exchangeable for Common Stock, subject to certain exceptions and excluding the transactions described herein. The descriptions of the Underwriting Agreement and Lock-Up Agreement contained in this Item 4 are not intended to be complete and are qualified in their entirety by reference to the Underwriting Agreement and Form of Lock-Up Agreement, each of which is filed as an exhibit hereto and incorporated by reference herein. Edenbrook remains a significant shareholder and Mr. Brolin continues to serve as a director on the board of directors of the Issuer. Edenbrook and Mr. Brolin are supportive of the Issuer and the management team and believe the Issuer is uniquely positioned to take advantage of significant profitable growth opportunities in the years ahead, as detailed in the Issuer's most recent earnings press release and conference call of July 15, 2026.

Item 5. Interest in Securities of the Issuer

(a) See rows (11) and (13) of the cover pages to this Schedule 13D for the aggregate number of shares of Common Stock and percentages of Common Stock beneficially owned by each of the Reporting Persons. The percentages used in this Schedule 13D are calculated based upon 10,957,034 shares of Common Stock, which is the sum of (i) 1,086,957 shares of Comon Stock issued in the offering described in the Issuer's Current Report on Form 8-K filed with the SEC on July 30, 2026, and (ii) 9,870,077 shares of Common Stock outstanding as of July 15, 2026, as reported in the Issuer's Annual Report on Form 10-K for the fiscal year ended April 30, 2026, filed with the SEC on July 17, 2026.

(b) See rows (7) through (10) of the cover pages to this Schedule 13D for the number of shares of Common Stock as to which each Reporting Person has the sole or shared power to vote or direct the vote and sole or shared power to dispose or to direct the disposition.

(c) See Item 4. Other than as set forth herein, there have been no transactions in the shares of Common Stock effected by the Reporting Persons in the past sixty days.

Item 6. Contracts, Arrangements, Understandings or Relationships With Respect to Securities of the Issuer

The information set forth in Item 4 of the Schedule 13D is incorporated by reference herein.

Item 7. Material to be Filed as Exhibits.

Exhibit C: Underwriting Agreement, dated July 28, 2026, between the Issuer, Edenbrook Value Fund, LP, the Fund, and Morgan Stanley & Co. LLC (incorporated by reference to Exhibit 1.1 to the Issuer's Current Report on Form 8-K filed with the SEC on July 30, 2026). Exhibit D: Form of Lock-Up Agreement, between the Issuer, Edenbrook Value Fund, LP, the Fund, and Morgan Stanley & Co. LLC (incorporated by reference to Exhibit A to Exhibit 1.1 to the Issuer's Current Report on Form 8-K filed with the SEC on July 30, 2026).

SIGNATURE

After reasonable inquiry and to the best of my knowledge and belief, I certify that the information set forth in this statement is true, complete and correct.

Edenbrook Capital, LLC

Signature: /s/ Jonathan Brolin
Name/Title: Jonathan Brolin, Managing Member
Date: 07/30/2026

Edenbrook Long Only Value Fund, LP

Signature: /s/ Jonathan Brolin
Name/Title: Jonathan Brolin, Managing Member of Edenbrook Capital Partners, LLC
Date: 07/30/2026

Jonathan Brolin

Signature: /s/ Jonathan Brolin
Name/Title: Jonathan Brolin, Individually
Date: 07/30/2026