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**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): September 21, 2024**

**Grayscale Litecoin Trust (LTC)**

(Exact name of Registrant as Specified in Its Charter)

**Delaware**  
(State or Other Jurisdiction  
of Incorporation)

**000-56310**  
(Commission File Number)

**82-6868171**  
(IRS Employer  
Identification No.)

**c/o Grayscale Investments, LLC**  
**290 Harbor Drive, 4th Floor**  
**Stamford, Connecticut**  
(Address of Principal Executive Offices)

**06902**  
(Zip Code)

**Registrant's Telephone Number, Including Area Code: 212 668-1427**

**N/A**  
(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:

- 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(g) of the Act:**

Title of each class	Trading Symbol(s)	Name of each exchange on which registered
Grayscale Litecoin Trust (LTC) Shares	LTCN	N/A

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.

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**Item 3.02. Unregistered Sales of Equity Securities.**

Since the sales reported on the most recently filed Current Report on Form 8-K by Grayscale Litecoin Trust (LTC) (the “Trust”), the Trust issued 374,900 Shares at varying prices determined by reference to its NAV per Share to selected “accredited investors,” within the meaning of Rule 501 of Regulation D under the Securities Act of 1933, as amended (the “Securities Act”), in private placement transactions exempt from the registration requirements of the Securities Act pursuant to Rule 506(c) thereunder for an aggregate of 31,821.49034647 LTC representing \$2,081,612. Grayscale Securities, LLC (“Grayscale Securities”) acted as the Authorized Participant with respect to these distributions. As a result, there are 22,281,200 Shares issued and outstanding as of September 25, 2024.

Because Shares have been, and continue to be, created and issued on a periodic basis, a “distribution,” as such term is used in the Securities Act, may be occurring from time to time. As a result, Grayscale Securities, as Authorized Participant facilitating the creation of Shares and as distributor and marketer, may be deemed an “underwriter” under Section 2(a)(11) of the Securities Act. No underwriting discounts or commissions were paid to Grayscale Securities with respect to such sales.

## 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 thereunto duly authorized.

Grayscale Investments, LLC as Sponsor of Grayscale  
Litecoin Trust (LTC)

Date: September 25, 2024

By: /s/ Edward McGee

Edward McGee  
Chief Financial Officer\*

\* The Registrant is a trust and the identified person signing this report is signing in their capacity as an authorized officer of Grayscale Investments, LLC, the Sponsor of the Registrant.