SECURITIES AND EXCHANGE COMMISSION
Washington, D.C. 20549

SCHEDULE 13D

Under the Securities Exchange Act of 1934

(Amendment No. 5)*

MERCURY SYSTEMS INC

(Name of Issuer)

Common Stock, par value $0.01 per share

(Title of Class of Securities)

(CUSIP Number)

Ele Klein & Brandon Gold
McDermott Will & Schulte LLP, 919 Third Avenue
New York, NY, 10022
212-756-2000

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

11/10/2026

(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 JANA Partners Management, LP
2	Check the appropriate box if a member of a Group (See Instructions)

☐ (a)
☐ (b)

3 SEC use only

Source of funds (See Instructions)
4
AF

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

Citizenship or place of organization
6
DELAWARE

Number of Shares Beneficially Owned by Each Reporting Person With:		
	7	Sole Voting Power 3,880,671.00
	8	Shared Voting Power 0.00
	9	Sole Dispositive Power 3,880,671.00
	10	Shared Dispositive Power 0.00

Aggregate amount beneficially owned by each reporting person
11
3,880,671.00

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

Percent of class represented by amount in Row (11)
13
6.4 %

Type of Reporting Person (See Instructions)
14
IA, PN

SCHEDULE 13D

Item 1. Security and Issuer

Title of Class of Securities:
(a)
Common Stock, par value $0.01 per share

Name of Issuer:
(b)
MERCURY SYSTEMS INC

Address of Issuer's Principal Executive Offices:
(c)
50 Minuteman Road, Andover, MASSACHUSETTS , 01810.

Item 1 Comment: This Amendment No. 5 ("Amendment No. 5") amends and supplements the statement on Schedule 13D filed with the SEC on September 22, 2022 (as amended from time to time, the "Schedule 13D") with respect to the Shares of the Issuer. This Amendment No. 5 amends Items 3, 4, and 5(a) - (c) as set forth below. Capitalized terms used herein and not otherwise defined in this Amendment No. 5 have the meanings set forth in the Schedule 13D.

Item 3. Source and Amount of Funds or Other Consideration

Item 3 of the Schedule 13D is hereby amended and restated in its entirety as follows: The 3,880,671 Shares reported herein as beneficially owned by JANA were acquired at an aggregate purchase price of approximately $118 million. Such Shares were acquired with investment funds in accounts managed by JANA and margin borrowings described in the following sentence. Such Shares are held by the investment funds managed by JANA in commingled margin accounts, which may extend margin credit to JANA from time to time, subject to applicable federal margin regulations, stock exchange rules and credit policies. In such instances, the positions held in the margin accounts are

pledged as collateral security for the repayment of debit balances in the account. The margin accounts bear interest at a rate based upon the broker's call rate from time to time in effect. Because other securities are held in the margin accounts, it is not possible to determine the amounts, if any, of margin used to purchase the Shares reported herein.

Item 4. Purpose of Transaction

Item 4 of the Schedule 13D is hereby amended and supplemented by the addition of the following: On November 10, 2026, in light of the pending expiration of an existing antitrust clearance, the Reporting Person filed for early termination under the Hart-Scott-Rodino Antitrust Improvements Act of 1976. This filing is not related to any disagreement or dispute with the Issuer, its management, or the Board on any matter relating to the Issuer's operations, policies, or practices.

Item 5. Interest in Securities of the Issuer

(a) Item 5(a) is hereby amended and restated in its entirety as follows: See rows (11) and (13) of the cover page to this Schedule 13D for the aggregate number of Shares and percentage of Shares beneficially owned by the Reporting Person. The percentage of Shares reported to be beneficially owned by the Reporting Person is based upon 60,863,586 Shares outstanding as of September 1, 2026, as reported in the Issuer's proxy statement on Schedule 14A, filed with the SEC on September 17, 2026. As of the date hereof, JANA may be deemed to beneficially own 3,880,671 Shares, representing approximately 6.4% of the Shares outstanding. This includes 9,542 deferred stock units ("DSUs") granted to Mr. Ostfeld for his service on the Board, 7,194 of which have vested and 2,348 of which were granted on October 28, 2026 and will vest on the earlier of the first anniversary of the grant date and the next annual meeting of shareholders. Vested DSUs do not convert into Shares until the date on which Mr. Ostfeld ceases to be a member of the Board. Mr. Ostfeld has assigned all rights to any Shares issuable pursuant to the grant to the Reporting Person. Pursuant to the assignment, settlement of the award on vesting will be made to the Reporting Person.

(b) Item 5(b) is hereby amended and restated in its entirety as follows: See rows (7) through (10) of the cover page to this Schedule 13D for the number of Shares as to which the 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) Item 5(c) is hereby amended and restated in its entirety as follows: No transactions in the Shares have been effected by the Reporting Person during the past sixty (60) days.

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.

JANA Partners Management, LP

Signature: /s/ Jennifer Fanjiang

Name/Title: Jennifer Fanjiang, Partner, Chief Legal Officer and Chief Compliance Officer

Date: 11/10/2026