

**UNITED STATES SECURITIES AND EXCHANGE COMMISSION**

Washington, D.C. 20549

**INITIAL STATEMENT OF BENEFICIAL OWNERSHIP OF SECURITIES**

OMB APPROVAL	
OMB Number:	3235-0104
Estimated average burden hours per response:	0.5

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934 or Section 30(h) of the Investment Company Act of 1940

<b>1. Name and Address of Reporting Person*</b> <u>JANA PARTNERS LLC</u> <hr/> (Last) (First) (Middle) <u>767 FIFTH AVENUE</u> <u>8TH FLOOR</u> <hr/> (Street) <u>NEW YORK NY 10153</u> <hr/> (City) (State) (Zip)	<b>2. Date of Event Requiring Statement (Month/Day/Year)</b> <u>07/10/2023</u>	<b>3. Issuer Name and Ticker or Trading Symbol</b> <u>MERCURY SYSTEMS INC [ MRCY ]</u>	
		<b>4. Relationship of Reporting Person(s) to Issuer (Check all applicable)</b> <input checked="" type="checkbox"/> Director 10% Owner Officer (give title below) <input checked="" type="checkbox"/> Other (specify below) <p style="text-align: center;"><u>See Remarks</u></p>	<b>5. If Amendment, Date of Original Filed (Month/Day/Year)</b>   <b>6. Individual or Joint/Group Filing (Check Applicable Line)</b> <input checked="" type="checkbox"/> Form filed by One Reporting Person Form filed by More than One Reporting Person

**Table I - Non-Derivative Securities Beneficially Owned**

1. Title of Security (Instr. 4)	2. Amount of Securities Beneficially Owned (Instr. 4)	3. Ownership Form: Direct (D) or Indirect (I) (Instr. 5)	4. Nature of Indirect Beneficial Ownership (Instr. 5)
<u>Common Stock, par value \$0.01 per share</u>	<u>4,655,249<sup>(1)</sup></u>	<u>I</u>	<u>See footnote<sup>(1)</sup></u>

**Table II - Derivative Securities Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)**

1. Title of Derivative Security (Instr. 4)	2. Date Exercisable and Expiration Date (Month/Day/Year)		3. Title and Amount of Securities Underlying Derivative Security (Instr. 4)		4. Conversion or Exercise Price of Derivative Security	5. Ownership Form: Direct (D) or Indirect (I) (Instr. 5)	6. Nature of Indirect Beneficial Ownership (Instr. 5)
	Date Exercisable	Expiration Date	Title	Amount or Number of Shares			

**Explanation of Responses:**

1. JANA Partners LLC ("JANA") is a private money management firm which beneficially owns the securities reported herein through various accounts under its management and control. The principal owner of JANA is Barry Rosenstein. JANA and Barry Rosenstein each disclaim beneficial ownership of the Issuer's securities reported herein in excess of his actual pecuniary interest therein, if any.

**Remarks:**

JANA may be deemed to be a director by deputization for purposes of Section 16 under the Securities Exchange Act of 1934 by virtue of the fact that Scott Ostfeld, a Partner of JANA, currently serves on the board of directors of the Issuer.

s/ JANA Partners LLC, by  
Jennifer Fanjiang, Partner, 07/11/2023  
Chief Legal Officer and  
Chief Compliance Officer

\*\* Signature of Reporting Person Date

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 5 (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.

Persons who respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB Number.