

PROSPECTUS



Up to \$250,000,000

Common Stock

We have entered into a Controlled Equity OfferingSM Sales Agreement, dated August 9, 2023, or the Sales Agreement, with Cantor Fitzgerald & Co. and Oppenheimer & Co. Inc., or the Agents, relating to the sale of shares of our common stock, par value \$0.0001 per share, offered by this prospectus. In accordance with the terms of the Sales Agreement, under this prospectus we may offer and sell up to \$250.0 million of shares of our common stock, from time to time to or through the Agents.

Our common stock is listed on the Nasdaq Global Select Market under the symbol "ENVX." On August 8, 2023, the closing sale price of our common stock on the Nasdaq Global Select Market was \$17.75 per share.

Sales of our common stock, if any, under this prospectus may be made by any method permitted by law that is deemed an "at the market offering" as defined in Rule 415(a)(4) promulgated under the Securities Act of 1933, as amended, or the Securities Act. The Agents are not required to sell any specific number or dollar amount of shares of our common stock. Each of the Agents will use commercially reasonable efforts, consistent with their normal sales and trading practices, to solicit offers to purchase the common stock under the terms and subject to the conditions set forth in the Sales Agreement. There is no arrangement for funds to be received in any escrow, trust or similar arrangement. The net proceeds from any sales under this prospectus will be used as described under the section entitled "Use of Proceeds."

The Agents will be entitled to compensation at a commission rate of up to 3.0% of the gross proceeds of shares sold under the Sales Agreement. In connection with the sale of our common stock on our behalf, each of the Agents will be deemed to be an "underwriter" within the meaning of the Securities Act and the compensation of the Agents will be deemed to be underwriting commissions or discounts. We have also agreed to provide indemnification and contribution to the Agents with respect to certain liabilities, including liabilities under the Securities Act and the Securities Exchange Act of 1934, as amended, or the Exchange Act. See "Plan of Distribution" beginning on page 12 for additional information regarding the compensation to be paid to the Agents.

Investing in our common stock involves a high degree of risk. Please read the information contained in and incorporated by reference under the heading "[Risk Factors](#)" beginning on page 4 of this prospectus, and under similar headings in the other documents that are filed after the date hereof and incorporated by reference into this prospectus.

Neither the Securities and Exchange Commission nor any state securities commission has approved or disapproved of these securities or passed upon the adequacy or accuracy of this prospectus. Any representation to the contrary is a criminal offense.

Cantor

Oppenheimer & Co.

The date of this prospectus is August 18, 2023.

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ABOUT THIS PROSPECTUS

This prospectus relates to part of a registration statement on FormS-3 that we have filed with the Securities and Exchange Commission, or SEC, utilizing a “shelf” registration process. Under the registration statement, we may, from time to time, sell any combination of the securities described in the registration statement. Under this prospectus, we may offer and sell shares of our common stock having an aggregate offering price of up to \$250.0 million from time to time at prices and on terms to be determined by market conditions at the time of the offering.

Before buying any of the common stock that we are offering, we urge you to carefully read this prospectus and all of the information incorporated by reference in this prospectus, as well as the additional information described under the headings “Where You Can Find More Information” and “Incorporation of Certain Information by Reference.” These documents contain important information that you should consider when making your investment decision.

To the extent there is a conflict between the information contained in this prospectus, on the one hand, and the information contained in any document incorporated by reference in this prospectus that was filed with the SEC before the date of this prospectus, on the other hand, you should rely on the information in this prospectus. If any statement in one of these documents is inconsistent with a statement in another document having a later date—for example, a document incorporated by reference in this prospectus—the statement in the document having the later date modifies or supersedes the earlier statement.

We further note that the representations, warranties and covenants made by us in any agreement that is filed as an exhibit to any document that is incorporated by reference herein were made solely for the benefit of the parties to such agreement, including, in some cases, for the purpose of allocating risk among the parties to such agreement, and should not be deemed to be a representation, warranty or covenant to you. Moreover, such representations, warranties or covenants were accurate only as of the date when made. Accordingly, such representations, warranties and covenants should not be relied on as accurately representing the current state of our affairs.

We have not, and each of the Agents have not, authorized anyone to provide you with any information other than that contained or incorporated by reference in this prospectus or in any related free writing prospectus that we authorize for use in connection with this offering and to which we have referred you. We take no responsibility for, and can provide no assurance as to the reliability of, any other information that others may give you. If anyone provides you with different or inconsistent information, you should not rely on it. You should assume that the information appearing in this prospectus, any prospectus supplement, the documents incorporated by reference and any related free writing prospectus is accurate only as of their respective dates. Our business, financial condition, results of operations and prospects may have changed materially since those dates.

This prospectus does not constitute an offer to sell or the solicitation of an offer to buy any securities other than the securities described in this prospectus or an offer to sell or the solicitation of an offer to buy such securities in any circumstances in which such offer or solicitation is unlawful.

Unless the context otherwise requires, we use the terms “Enovix”, “Company”, “we”, “us” and “our” in this prospectus to refer to Enovix Corporation.

PROSPECTUS SUMMARY

This summary highlights certain information about us, this offering and selected information contained elsewhere in or incorporated by reference into this prospectus. This summary provides an overview of selected information and does not contain all of the information you should consider before deciding whether to invest in our common stock. Therefore, you should read the entire prospectus carefully (including the documents incorporated by reference in this prospectus), especially the "Risk Factors" section on page 4 and the documents incorporated by reference and our consolidated and condensed financial statements and the related notes incorporated by reference in this prospectus, before deciding to invest in our common stock.

Overview

Enovix Corporation is on a mission to power the technologies of the future. We do this by designing, developing, manufacturing and commercializing next generation Lithium-ion, or Li-ion, battery cells that significantly increase the amount of energy density and storage capacity relative to conventional battery cells. Our battery's mechanical design, or "architecture," allows us to use high performance chemistries while enabling safety and charge time advantages.

The benefit of an enhanced battery for portable electronics is devices that have more power budget available to keep up with user preferences for more advanced features and more attractive form factors. The benefit of an advanced battery for Electric Vehicles ("EVs") is a faster charging battery.

Organizational Structure

We were incorporated under the laws of Delaware in September 2020 as a blank check company under the name Rodgers Silicon Valley Acquisition Corp. ("RSVAC").

On July 14, 2021 (the "Closing Date"), Enovix Corporation, a Delaware corporation ("Legacy Enovix"), RSVAC and RSVAC Merger Sub Inc., a Delaware corporation and wholly owned subsidiary of RSVAC ("Merger Sub"), consummated the closing of the transactions contemplated by the Agreement and Plan of Merger, dated February 22, 2021, by and among RSVAC, Legacy Enovix and Merger Sub (the "Merger Agreement"), following the approval at a special meeting of the stockholders of RSVAC held on July 12, 2021. Pursuant to the terms of the Merger Agreement, a combination of Legacy Enovix and RSVAC was effected through the merger of Merger Sub with and into Legacy Enovix, with Legacy Enovix surviving as a wholly owned subsidiary of RSVAC (together with the other transactions described in the Merger Agreement, the "Business Combination"). On the Closing Date, Legacy Enovix changed its name to Enovix Operations Inc. and RSVAC changed its name to Enovix Corporation. On January 17, 2023, Legacy Enovix merged with and into Enovix Corporation, with the separate existence of Legacy Enovix ceasing and Enovix Corporation being the surviving corporation of such merger.

Corporate Information

Our principal executive offices are located at 3501 W. Warren Avenue, Fremont, California 94538 and our telephone number is (510) 695-2350. Our corporate website address is www.enovix.com. References to our website address do not constitute incorporation by reference of the information contained on the website, and the information contained on the website is not part of this document.

"Enovix", and the Enovix Corporation logo and other trademarks or service marks of Enovix appearing in this prospectus are the property of Enovix Corporation. Other trademarks, service marks or trade names

appearing in this prospectus are the property of their respective owners. We do not intend our use or display of other companies' trade names, trademarks or service marks to imply a relationship with, or endorsement or sponsorship of us by, these other companies.

THE OFFERING

Common stock offered by us	Shares of our common stock having an aggregate offering price of up to \$250.0 million.
Common stock to be outstanding immediately after this offering	Up to 172,995,926 shares, assuming the sale of \$250.0 million of shares of our common stock in this offering at a public offering price of \$17.75 per share, which was the closing price of our common stock on the Nasdaq Global Select Market on August 8, 2023. The actual number of shares issued in this offering will vary depending on how many shares of our common stock we choose to sell and the prices at which such sales occur.
Plan of Distribution	“At the market offering” that may be made from time to time through, at our option, either of the Agents. See “Plan of Distribution” beginning on page 12 of this prospectus.
Use of proceeds	<p>We currently intend to use the net proceeds that we receive from this offering, if any, to build out our battery cell manufacturing capacity, and for working capital and general corporate purposes.</p> <p>See the section titled “Use of Proceeds” for a more complete description of the intended use of proceeds from this offering.</p>
Risk factors	See “Risk Factors” on page 4 and other information included and incorporated by reference in this prospectus for a discussion of factors that you should carefully consider before deciding to invest in our common stock.
Nasdaq Global Select Market symbol	“ENVX”

The number of shares of common stock to be outstanding after this offering is based on 158,911,419 shares of common stock outstanding as of July 2, 2023, and excludes:

- 4,425,014 shares of common stock issuable upon the exercise of outstanding stock options as of July 2, 2023, with a weighted-average exercise price of \$9.17 per share;
- 13,898,172 shares of common stock issuable upon the vesting of restricted stock units and performance restricted stock units as of July 2, 2023;
- 14,306,709 shares reserved for future issuance under our 2021 Equity Incentive Plan as of July 2, 2023, as well as any automatic increases in the number of shares of common stock reserved for future issuance under this plan;
- 8,346,773 shares of common stock reserved for future issuance under our 2021 Employee Stock Purchase Plan as of July 2, 2023, as well as any automatic increases in the number of shares of common stock reserved for future issuance under this plan; and
- 6,000,000 shares of common stock issuable upon the exercise of outstanding warrants as of July 2, 2023, with an exercise price of \$11.50 per share.

All of the information in this prospectus assumes no exercise of outstanding stock options or warrants or vesting of restricted stock units or performance restricted stock units.

RISK FACTORS

You should consider carefully the risks described below and discussed in the section titled “Risk Factors” contained in our most recent Annual Report on Form 10-K and subsequent Quarterly Reports on Form 10-Q, as filed with the SEC, which are incorporated by reference in this prospectus in their entirety, and in our subsequent filings with the SEC incorporated by reference in this prospectus, together with other information in this prospectus, and the information and documents incorporated by reference in this prospectus, and any free writing prospectus that we have authorized for use in connection with this offering before you make a decision to invest in our common stock. If any of the following events actually occur, our business, financial condition, results of operations or cash flow could be harmed. This could cause the trading price of our common stock to decline and you may lose all or part of your investment. The risks below and incorporated by reference in this prospectus are not the only ones we face. Additional risks not currently known to us or that we currently deem immaterial may also affect our business operations. Please also read carefully the section below titled “Special Note Regarding Forward-Looking Statements.”

Risks Related to This Offering

We will have broad discretion in the use of the net proceeds from this offering and may not use them effectively.

We currently intend to use the net proceeds to build out our battery cell manufacturing capacity, and for working capital and general corporate purposes, which may include, research and development activities, general and administrative matters, and capital expenditures. Our management has broad discretion to use our cash and cash equivalents, including the net proceeds we receive in this offering, to fund our operations and could spend these funds in ways that do not improve our results of operations or enhance the value of our common stock. The failure by our management to apply these funds effectively could result in financial losses that could have an adverse effect on our business, cause the price of our common stock to decline and delay the development of our product candidates. Pending their use to fund operations, we may invest our cash, cash equivalents and marketable securities in a manner that does not produce income or that loses value. See the section titled “Use of Proceeds.”

Purchasers may experience immediate and substantial dilution in the tangible net book value of their investment.

The offering price per share in this offering may exceed the net tangible book value per share of our common stock. Assuming that an aggregate of 14,084,507 shares of our common stock are sold at a price of \$17.75 per share pursuant to this prospectus, which was the last reported sale price of our common stock on the Nasdaq Global Select Market on August 8, 2023, for aggregate gross proceeds of \$250.0 million, you would experience immediate dilution of \$14.92 per share, representing a difference between our net tangible book value per share as of July 2, 2023, after giving effect to this offering and the assumed offering price. To the extent that any options are exercised, any restricted stock units vest and are settled, any shares are purchased under our Employee Stock Purchase Plan, any new equity awards are issued under our equity incentive plan, or we otherwise issue additional shares of common stock in the future (including shares issued in connection with strategic and other transactions), you will experience further dilution. In addition, we may choose to raise additional capital due to market conditions or strategic considerations, even if we believe we have sufficient funds for our current or future operating plans. To the extent that additional capital is raised through the sale of equity or convertible debt securities, the issuance of these securities could result in further dilution to our stockholders. See the section titled “Dilution” on page 10 of this prospectus for a more detailed illustration of the dilution you would incur if you participate in this offering.

You may experience future dilution as a result of future equity offerings.

To raise additional capital, we may in the future offer additional shares of our common stock or other securities convertible into or exchangeable for our common stock at prices that may not be the same as the price

per share in this offering. We may sell shares or other securities in any other offering at a price per share that is less than the price per share paid by investors in this offering, and investors purchasing shares or other securities in the future could have rights superior to existing stockholders. The price per share at which we sell additional shares of our common stock, or securities convertible or exchangeable into common stock, in future transactions may be higher or lower than the price per share paid by investors in this offering.

Future sales of a significant number of our shares of common stock in the public markets, or the perception that such sales could occur, could depress the market price of our shares of common stock or cause it to be highly volatile.

Sales of a substantial number of shares of our common stock in the public markets, or the perception that such sales could occur, could depress the market price of shares of our common stock or cause it to be highly volatile and impair our ability to raise capital through the sale of additional equity securities. A substantial number of shares of common stock are being offered by this prospectus, and we cannot predict if and when shares sold in this offering, if any, will be resold in the public markets. We cannot predict the number of these shares that might be resold nor the effect that future sales of our shares of common stock would have on the market price of shares of our common stock.

It is not possible to predict the actual number of shares we will sell under the Sales Agreement, or the gross proceeds resulting from those sales.

Subject to certain limitations in the Sales Agreement and compliance with applicable laws, we have the discretion to deliver a placement notice to an Agent at any time throughout the term of the Sales Agreement. The number of shares that are sold through the Agents after delivering a placement notice will fluctuate based on a number of factors, including the market price of our common stock during the term of the Sales Agreement, the limits we set with the Agents in any applicable placement notice, and the demand for our common stock during the term of the Sales Agreement. Because the price per share of each share sold will fluctuate during the term of the Sales Agreement, it is not currently possible to predict the number of shares that will be sold or the gross proceeds to be raised in connection with the sales of shares of common stock offered under this prospectus.

The common stock offered hereby will be sold in “at the market offerings,” and investors who buy shares at different times will likely pay different prices.

Investors who purchase shares in this offering at different times will likely pay different prices, and so may experience different levels of dilution and different outcomes in their investment results. We will have discretion, subject to market demand, to vary the timing, prices and numbers of shares sold in this offering. In addition, there is no minimum or maximum sales price for shares to be sold in this offering. Investors may experience a decline in the value of the shares they purchase in this offering as a result of sales made at prices lower than the prices they paid.

SPECIAL NOTE REGARDING FORWARD-LOOKING STATEMENTS

This prospectus and the documents we have filed with the SEC that are incorporated by reference contain forward-looking statements within the meaning of Section 27A of the Securities Act of 1933, as amended, or the Securities Act, and Section 21E of the Securities Exchange Act of 1934, as amended, or the Exchange Act. The statements contained in this prospectus that are not purely historical are forward-looking statements. Our forward-looking statements include, but are not limited to, statements regarding our or our management's expectations, hopes, beliefs, intentions or strategies regarding the future. In addition, any statements that refer to projections, forecasts or other characterizations of future events or circumstances, including any underlying assumptions, are forward-looking statements. The words "anticipates," "believe," "continue," "could," "estimate," "expect," "intend," "may," "might," "plan," "possible," "potential," "predict," "project," "should," "would" and similar expressions may identify forward-looking statements, but the absence of these words does not mean that a statement is not forward-looking. Forward-looking statements in this prospectus may include, for example, statements about our:

- ability to build and scale our advanced silicon-anode lithium-ion battery, our production and commercialization timeline;
- ability to meet milestones and deliver on our objectives and expectations, the implementation and success of our products, technologies, business model and growth strategy, various addressable markets, market opportunity and the expansion of our customer base;
- ability to meet the expectations of new and current customers, our ability to achieve market acceptance for our products;
- financial performance, including revenue, expenses and projections thereof;
- ability to convert our revenue funnel to purchase orders and revenue;
- placement of equipment orders for our next-generation manufacturing lines, the speed of and space requirements for our next-generation manufacturing lines relative to our existing lines at Fab1 in Fremont;
- factory sites and related considerations, including site selection, location and timing of build-out, and benefits thereof;
- ability to attract and hire additional service providers, the strength of our brand, the build-out of additional production lines, our ability to optimize our manufacturing process, our future product development and roadmap and the future demand for our lithium-ion battery solutions; and
- use of proceeds from the sale of shares of common stock under this prospectus, if any.

The forward-looking statements contained in this prospectus are based on our current expectations and beliefs concerning future developments and their potential effects on us. There can be no assurance that future developments affecting us will be those that we have anticipated. These forward-looking statements involve a number of risks, uncertainties (some of which are beyond our control) or other assumptions that may cause actual results or performance to be materially different from those expressed or implied by these forward-looking statements. These risks and uncertainties include, but are not limited to, those described in the section titled "Risk Factors" and elsewhere in this prospectus. Should one or more of these risks or uncertainties materialize, or should any of our assumptions prove incorrect, actual results may vary in material respects from those projected in these forward-looking statements. We undertake no obligation to update or revise any forward-looking statements, whether as a result of new information, future events or otherwise, except as required by law. We discuss in greater detail many of these risks under the section titled "Risk Factors" in this prospectus, and in our most recent Annual Report on Form 10-K and in our most recent Quarterly Report on Form 10-Q, as well as any amendments thereto reflected in subsequent filings with the SEC, which are incorporated by reference into this prospectus in their entirety. Also, these forward-looking statements represent our estimates and assumptions only.

as of the date of the document containing the applicable statement. Unless required by law, we undertake no obligation to update or revise any forward-looking statements to reflect new information or future events or developments. You should read this prospectus, together with the documents we have filed with the SEC that are incorporated by reference and any free writing prospectus that we may authorize for use in connection with this offering completely and with the understanding that our actual future results may be materially different from what we expect. We qualify all of the forward-looking statements in the foregoing documents by these cautionary statements.

In addition, statements that “we believe” and similar statements reflect our beliefs and opinions on the relevant subject. These statements are based upon information available to us as of the date of this prospectus, and while we believe such information forms a reasonable basis for such statements, such information may be limited or incomplete, and our statements should not be read to indicate that we have conducted an exhaustive inquiry into, or review of, all potentially available relevant information. These statements are inherently uncertain and you are cautioned not to unduly rely upon these statements.

USE OF PROCEEDS

We may issue and sell shares of our common stock having an aggregate offering price of up to \$250.0 million from time to time. Because there is no minimum offering amount required as a condition to close this offering, the actual total public offering amount, commissions and proceeds to us, if any, are not determinable at this time. There can be no assurance that, in the future, we will sell any shares under or fully utilize the Sales Agreement with the Agents as a source of financing.

We currently intend to use the net proceeds of this offering, if any, to build out our battery cell manufacturing capacity, and for working capital and general corporate purposes.

However, due to the uncertainties inherent in our business, it is difficult to estimate with certainty the exact amounts of the net proceeds, if any, from this offering that may be used for the above purposes. Our management will have broad discretion in the application of the net proceeds from this offering, and investors will be relying on the judgment of our management regarding the application of those net proceeds. The timing and amount of our actual expenditures will be based on many factors, including cash flows from operations and the anticipated growth of our business. Pending the use of the proceeds from this offering, we intend to invest the net proceeds from the offering that are not used as described above in investment-grade, interest-bearing instruments such as money market funds, corporate notes and bonds, certificates of deposit, commercial paper, and guaranteed obligations of the U.S. government.

DIVIDEND POLICY

We have never declared or paid cash dividends on our capital stock. We intend to retain all available funds and any future earnings, if any, to fund the development and expansion of our business and we do not anticipate paying any cash dividends in the foreseeable future. Any future determination related to dividend policy will be made at the discretion of our board of directors.

DILUTION

If you invest in our common stock, your ownership interest will be diluted to the extent of the difference between the public offering price per share and the as adjusted net tangible book value per share of our common stock after this offering.

Our net tangible book value as of July 2, 2023, was \$247.3 million, or \$1.56 per share. Net tangible book value is total tangible assets less our total liabilities divided by the number of outstanding shares of common stock prior to the completion of this offering.

After giving effect to the assumed sale by us of shares of our common stock having an aggregate offering price of \$250.0 million at an assumed public offering price of \$17.75 per share of common stock, which was the last reported sale price of our common stock on the Nasdaq Global Select Market on August 8, 2023, and after deducting estimated commissions and estimated offering expenses payable by us, our as adjusted net tangible book value as of July 2, 2023 would have been \$489.5 million, or \$2.83 per share of common stock. This represents an immediate increase in net tangible book value per share of common stock of \$1.27 to existing stockholders and immediate dilution of \$14.92 in net tangible book value per share of common stock to new investors purchasing common stock in this offering. The following table illustrates this dilution per share to investors participating in this offering:

Assumed public offering price per share of common stock	\$ 17.75
Net tangible book value per share of common stock at July 2, 2023	\$ 1.56
Increase in as adjusted net tangible book value per share of common stock attributable to new investors	1.27
As adjusted net tangible book value per share of common stock after giving effect to this offering	<u>2.83</u>
Dilution per share to new investors purchasing shares of common stock in this offering	<u>\$ 14.92</u>

The shares sold in this offering, if any, will be sold from time to time at various prices. Assuming all of the common stock in an aggregate amount of \$250.0 million is sold in this offering at the assumed public offering price of \$17.75 per share, a \$1.00 increase in such offering price would increase our as adjusted net tangible book value per share after this offering to \$1.29 per share and the dilution to new investors to \$15.91 per share, after deducting commissions and estimated offering expenses payable by us. A \$1.00 decrease in the assumed public offering price of \$17.75 per share would decrease our as adjusted net tangible book value per share after this offering to \$1.26 per share and the dilution to new investors to \$13.93 per share, after deducting commissions and estimated offering expenses payable by us. The information discussed above is illustrative only and will adjust based on the actual public offering price, the actual number of shares that we offer in this offering, and other terms of this offering determined at the time of each offer and sale.

The number of shares of common stock to be outstanding after this offering is based on 158,911,419 shares of common stock outstanding as of July 2, 2023, excluding:

- 4,425,014 shares of common stock issuable upon the exercise of outstanding stock options, as of July 2, 2023, with a weighted-average exercise price of \$9.17 per share;
- 13,898,172 shares of common stock issuable upon the vesting of restricted stock units and performance restricted stock units as of July 2, 2023;
- 14,306,709 shares reserved for future issuance under our 2021 Equity Incentive Plan as of July 2, 2023, as well as any automatic increases in the number of shares of common stock reserved for future issuance under this plan;
- 8,346,773 shares of common stock reserved for future issuance under our 2021 Employee Stock Purchase Plan as of July 2, 2023, as well as any automatic increases in the number of shares of common stock reserved for future issuance under this plan; and

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- 6,000,000 shares of common stock issuable upon the exercise of outstanding warrants as of July 2, 2023, with an exercise price of \$11.50 per share.

To the extent that stock options or warrants are exercised, restricted stock units or performance restricted stock units vest, new stock options, warrants, restricted stock units or performance restricted stock units are issued under our equity incentive plans, or we issue additional shares of common stock in the future, there will be further dilution to investors participating in this offering.

PLAN OF DISTRIBUTION

We have entered into a Controlled Equity OfferingSM Sales Agreement, or the Sales Agreement, with the Agents. Pursuant to this prospectus, we may offer and sell shares of our common stock having an aggregate gross sales price of up to \$250.0 million from time to time through the Agents acting as sales agents. A copy of the Sales Agreement has been filed as an exhibit to our registration statement on Form S-3 of which this prospectus forms a part. Sales of the shares of our common stock, if any, may be made on the Nasdaq Global Select Market at market prices and such other sales as agreed upon by us and the Agents.

Upon delivery of a placement notice to an Agent and subject to the terms and conditions of the Sales Agreement, such Agent may sell shares of our common stock by any method permitted by law deemed to be an “at the market offering” as defined in Rule 415(a)(4) promulgated under the Securities Act. We may instruct the Agents not to sell common stock if the sales cannot be effected at or above the price designated by us from time to time. We or the Agents may suspend the offering of common stock upon notice and subject to other conditions.

We will pay the Agents’ commissions, in cash, for their services in acting as sales agents in the sale of our common stock. The aggregate compensation payable to each Agent will be up to 3.0% of the aggregate gross proceeds from each sale of shares of common stock by such Agent pursuant to the Sales Agreement. We have also agreed to reimburse a portion of the Agents’ expenses, including the legal fees, in connection with this offering, and disbursements of its legal counsel, (a) in an amount not to exceed \$100,000 in connection with the execution of the Sales Agreement, (b) in an amount not to exceed \$10,000 per calendar quarter thereafter payable in connection with each representation date with respect to which we are obligated to deliver a certificate to the Agents pursuant to the Sales Agreement for which no waiver is applicable and excluding the date of the Sales Agreement, and (c) in an amount not to exceed \$25,000 for each program “refresh” (filing of a new registration statement, prospectus or prospectus supplement relating to the shares of common stock to be sold pursuant to the Sales Agreement and/or an amendment of the Sales Agreement) executed pursuant to the Sales Agreement. In accordance with FINRA Rule 5110 these reimbursed fees and expenses are deemed sales compensation in connection with this offering. We estimate that the total expenses for the offering, excluding compensation and reimbursements, if any, payable to the Agents under the terms of the Sales Agreement, will be approximately \$300,000. Because there is no minimum offering amount required as a condition to close this offering, the actual total public offering amount, commissions and proceeds to us, if any, are not determinable at this time.

Settlement for sales of shares of common stock will occur on the second trading day following the date on which any sales are made (or such earlier day as is industry practice for regular-way trading), or on some other date that is agreed upon by us and the applicable Agent in connection with a particular transaction, in return for payment of the net proceeds to us. Sales of our common stock as contemplated in this prospectus will be settled through the facilities of The Depository Trust Company or by such other means as we and the applicable Agent may agree upon. There is no arrangement for funds to be received in an escrow, trust or similar arrangement.

The Agents will use their commercially reasonable efforts, consistent with their normal trading and sales practices, to solicit offers to purchase shares of our common stock under the terms and subject to the conditions set forth in the Sales Agreement. In connection with the sale of the shares of common stock on our behalf, each of the Agents will be deemed to be an “underwriter” within the meaning of the Securities Act, and the compensation of such Agent will be deemed to be underwriting commissions or discounts. We have also agreed to provide indemnification and contribution to each Agent against certain liabilities, including liabilities under the Securities Act and the Exchange Act.

The offering of shares of our common stock pursuant to the Sales Agreement will terminate upon the earlier of (1) the sales of all shares of our common stock subject to the Sales Agreement, or (2) the termination of the Sales Agreement as permitted therein. We and the Agents may each terminate the Sales Agreement at any time upon ten days’ prior notice.

Cantor Fitzgerald & Co. has provided various investment banking services to us. The Agents and their respective affiliates may in the future provide various investment banking, commercial banking and other financial services for us, our subsidiaries and our affiliates, for which services they may in the future receive customary fees. To the extent required by Regulation M, the Agents will not engage in any market-making activities involving our common stock while the offering is ongoing under this prospectus.

This prospectus in electronic format may be made available on a website maintained by either of the Agents, and each Agent may distribute this prospectus electronically.

Our common stock is listed on the Nasdaq Global Select Market under the trading symbol “ENVX.”

LEGAL MATTERS

Cooley LLP, Palo Alto, California will pass upon the validity of the shares of common stock offered hereby. Covington & Burling LLP, New York, New York, is representing the Agents in connection with the offering. As of the date of this prospectus, GC&H Investments, LLC, an entity comprised of partners and associates of Cooley LLP, beneficially owns 20,614 shares of common stock, and a partner of Cooley LLP owns 125,700 shares of Common Stock.

EXPERTS

The financial statements of Enovix Corporation and subsidiaries as of January 1, 2023 and January 2, 2022, and for each of the three years in the period ended January 1, 2023, incorporated by reference in this Registration Statement, and the effectiveness of Enovix Corporation's internal control over financial reporting as of January 1, 2023 have been audited by Deloitte & Touche LLP, an independent registered public accounting firm, as stated in their reports. Such financial statements are incorporated by reference in reliance upon the reports of such firm given their authority as experts in accounting and auditing.

WHERE YOU CAN FIND MORE INFORMATION

This prospectus is part of the registration statement on Form S-3 we filed with the SEC under the Securities Act and does not contain all the information set forth or incorporated by reference in the registration statement. Whenever a reference is made in this prospectus to any of our contracts, agreements or other documents, the reference may not be complete and you should refer to the exhibits that are a part of the registration statement or the exhibits to the reports or other documents incorporated by reference into this prospectus for a copy of such contract, agreement or other document. Because we are subject to the information and reporting requirements of the Exchange Act, we file annual, quarterly and current reports, proxy statements and other information with the SEC. Our SEC filings are available to the public over the Internet at the SEC's website at <http://www.sec.gov>. Our Annual Report on Form 10-K, Quarterly Reports on Form 10-Q and Current Reports on Form 8-K, including any amendments to those reports, and other information that we file with or furnish to the SEC pursuant to Section 13(a) or 15(d) of the Exchange Act can also be accessed free of charge on our website. These filings will be available as soon as reasonably practicable after we electronically file such material with, or furnish it to, the SEC. Our website address is <http://www.enovix.com>. Information contained on or accessible through our website is not a part of this prospectus and is not incorporated by reference herein, and the inclusion of our website address in this prospectus is an inactive textual reference only.

INCORPORATION OF CERTAIN INFORMATION BY REFERENCE

The SEC allows us to “incorporate by reference” information into this prospectus from other documents that we file with the SEC, which means that we can disclose important information to you by referring you to those documents. The information incorporated by reference is considered to be part of this prospectus. Information in this prospectus supersedes information incorporated by reference that we filed with the SEC prior to the date of this prospectus, while information that we file later with the SEC will automatically update and supersede the information in this prospectus. We incorporate by reference into this prospectus and the registration statement of which this prospectus is a part the information or documents listed below that we have filed with the SEC (Commission File No. 001-39753):

- our Annual Report on [Form 10-K](#) for the year ended January 1, 2023, filed with the SEC on March 1, 2023;
- our Quarterly Report on [Form 10-Q](#) for the quarter ended April 2, 2023, filed with the SEC on May 5, 2023;
- our Quarterly Report on Form 10-Q for the quarter ended July 2, 2023 filed with the SEC on [August 9, 2023](#);
- the information specifically incorporated by reference in our Annual Report on Form 10-K for the year ended January 1, 2023, from our [definitive proxy statement](#) relating to our 2023 annual meeting of stockholders, filed with the SEC on April 28, 2023, including the [supplement](#) thereto, filed with the SEC on June 13, 2023;
- our Current Reports on Form 8-K filed with the SEC on [December 29, 2022](#) (as amended on [January 18, 2023](#)), [January 5, 2023](#), [January 20, 2023](#), [January 23, 2023](#), [January 25, 2023](#), [April 21, 2023](#), [April 26, 2023](#), [June 20, 2023](#), [June 26, 2023](#), [June 29, 2023](#), and [July 26, 2023](#); and
- the description of our common stock which is contained in a Registration Statement on [Form 8-A](#) filed on December 1, 2020 under the Exchange Act, including any amendments or reports filed for the purpose of updating such description, including [Exhibit 4.4](#) of our Annual Report on Form 10-K for the fiscal year ended January 2, 2022.

All filings filed by us pursuant to the Exchange Act after the date of the initial filing of the registration statement of which this prospectus is a part and prior to effectiveness of the registration statement shall be deemed to be incorporated by reference into this prospectus.

We also incorporate by reference any future filings (other than current reports furnished under Item 2.02 or Item 7.01 of Form 8-K and exhibits filed on such form that are related to such items unless such Form 8-K expressly provides to the contrary) made with the SEC pursuant to Sections 13(a), 13(c), 14 or 15(d) of the Exchange Act. Information in such future filings updates and supplements the information provided in this prospectus. Any statements in any such future filings will automatically be deemed to modify and supersede any information in any document we previously filed with the SEC that is incorporated or deemed to be incorporated herein by reference to the extent that statements in the later filed document modify or replace such earlier statements.

You can request a copy of these filings, at no cost, by writing or telephoning us at the following address or telephone number:

Enovix Corporation
3501 W. Warren Avenue
Fremont, California 94538
Attn: Chief Legal Officer
(510) 695-2350

Up to \$250,000,000



Common Stock

PROSPECTUS

Cantor

Oppenheimer & Co.

August 18, 2023
