

UNITED STATES
SECURITIES AND EXCHANGE COMMISSION
WASHINGTON, D.C. 20549

SCHEDULE TO
TENDER OFFER STATEMENT UNDER SECTION 14(d)(1) OR 13(e)(1)
OF THE SECURITIES EXCHANGE ACT OF 1934

(AMENDMENT NO. 6)

SILICONIX INCORPORATED
(NAME OF SUBJECT COMPANY (ISSUER))

VISHAY INTERTECHNOLOGY, INC.
AND

VISHAY TEMIC SEMICONDUCTOR ACQUISITION HOLDINGS CORP.
(OFFERORS)

(NAMES OF FILING PERSONS (IDENTIFYING STATUS AS
OFFEROR, ISSUER OR OTHER PERSON))

COMMON STOCK, PAR VALUE \$0.01 PER SHARE
(TITLE OF CLASS OF SECURITIES)

82707923
(CUSIP NUMBER OF CLASS OF SECURITIES)

AVI D. EDEN
C/O VISHAY INTERTECHNOLOGY, INC.
63 LINCOLN HIGHWAY
MALVERN, PENNSYLVANIA 19355-2120
(610) 644-1300

(NAME, ADDRESS AND TELEPHONE NUMBER OF PERSONS AUTHORIZED TO RECEIVE NOTICES
AND COMMUNICATIONS ON BEHALF OF FILING PERSONS)

COPY TO:
ABBE L. DIENSTAG, ESQ.
KRAMER LEVIN NAFTALIS & FRANKEL LLP
919 THIRD AVENUE
NEW YORK, NEW YORK 10022
(212) 715-9100

[] Check the box if the filing relates solely to preliminary communications
made before the commencement of a tender offer:

Check the appropriate boxes below to designate any transactions to which
the statement relates:

[X] third-party tender offer subject to Rule 14d-1.

[] issuer tender offer subject to Rule 13e-4.

[] going-private transaction subject to Rule 13e-3.

[X] amendment to Schedule 13D under Rule 13d-2.

Check the following box if the filing is a final amendment reporting the
results of the tender offer: []

This Amendment No. 6 amends the Tender Offer Statement on Schedule T0 (as amended, this "Schedule T0"), filed by Vishay Intertechnology, Inc. ("Vishay"), a Delaware corporation, and Vishay TEMIC Semiconductor Acquisition Holdings Corp. ("Vishay TEMIC"), a Delaware corporation and a wholly-owned subsidiary of Vishay. This Schedule T0 relates to the offer by Vishay TEMIC to exchange Vishay shares of common stock, par value \$0.10 per share, for each outstanding share of common stock, par value \$0.01 per share, of Siliconix incorporated, a Delaware corporation, that Vishay and its subsidiaries do not own, upon the terms and subject to the conditions set forth in the Prospectus dated June 21, 2001 and in the related Letter of Transmittal, copies of which have been filed as exhibits to this Schedule T0.

After the close of the markets on June 29, 2001, Vishay issued a press release announcing the extension of the expiration date for the offer from 5:00 p.m., New York City time, on Friday, June 29, 2001 to 5:00 p.m., New York City time, on Thursday, July 5, 2001. A copy of the press release is incorporated by reference into this Schedule T0 as Exhibit (a)(28).

ITEM 12. MATERIAL TO BE FILED AS EXHIBITS.

Item 12 is amended by adding the following exhibit:

(a)(28) Press Release issued by Vishay on June 29, 2001 (incorporated by reference to the filing by Vishay on Form 425 on July 2, 2001).

After due 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.

VISHAY INTERTECHNOLOGY, INC.

By: /s/ Avi D. Eden

Name: Avi D. Eden
Title: Vice Chairman of the Board,
Executive Vice President
and General Counsel

VISHAY TEMIC SEMICONDUCTOR ACQUISITION
HOLDINGS CORP.

By: /s/ Avi D. Eden

Name: Avi D. Eden
Title: Vice President

Dated: July 2, 2001