TO VOTE, MARK BLOCKS BELOW IN BLUE OR BLACK INK AS FOLLOWS:

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Please sign exactly as your name(s) appear(s) hereon. Joint owners should each sign. When signing as attorney, executor, administrator, corporate officer, trustee, guardian or custodian, please give full title.

Signature [PLEASE SIGN WITHIN BOX] Date

Signature (Joint Owners) Date

ON SEMICONDUCTOR CORPORATION

The Board of Directors recommends a vote FOR each of the listed director nominees:

1. To elect ten directors, each for a one-year term expiring at the 2023 Annual Meeting of Stockholders and until their successors are duly elected and qualified, or until the earlier time of their death, resignation or removal.

   Nominees:
   
   1a. Atsushi Abe
   1b. Alan Campbell
   1c. Susan K. Carter
   1d. Thomas L. Deitrich
   1e. Gilles Delfassy
   1f. Hassane El-Khoury
   1g. Bruce E. Kiddoo
   1h. Paul A. Mascarenas
   1i. Gregory L. Waters
   1j. Christine Y. Yan

   The Board of Directors recommends a vote FOR Proposals 2 and 3.

   2. Advisory (non-binding) resolution to approve the compensation of our named executive officers.
   3. Ratification of the selection of PricewaterhouseCoopers LLP as our independent registered public accounting firm for the year ending December 31, 2022.

   NOTE: To transact such other business as may properly come before the meeting and any adjournment or postponement of the meeting.

VOTE BY INTERNET - www.proxyvote.com or scan the QR Barcode above

VOTE BY PHONE - 1-800-690-6903

VOTE BY MAIL

Mark, sign and date your proxy card and return it in the postage-paid envelope we have provided or return it to Vote Processing, c/o Broadridge, 51 Mercedes Way, Edgewood, NY 11717.
ON SEMICONDUCTOR CORPORATION
Annual Meeting of Stockholders
May 26, 2022, 8:00 a.m. local time
This proxy is solicited by the Board of Directors

The stockholder(s) hereby appoint(s) Alan Campbell, Hassane El-Khoury and Pamela Tondreau, or any of them, as proxies, each with the power to appoint (his/her) substitute, and hereby authorize(s) them to represent and to vote, as designated on the reverse side of this ballot, all of the shares of common stock of ON Semiconductor Corporation that the stockholder(s) is/are entitled to vote at the Annual Meeting of Stockholders to be held at 8:00 a.m. (local time), on May 26, 2022, at the Company’s principal executive office at 5005 East McDowell Road, Phoenix, AZ 85008, and any adjournment or postponement thereof.

This proxy, when properly executed, will be voted in the manner directed herein. If no such direction is made, this proxy will be voted in accordance with the Board of Directors’ recommendations.

Continued and to be signed on reverse side