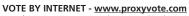
ON Semiconductor®

ON SEMICONDUCTOR CORPORATION 5005 EAST MCDOWELL ROAD PHOENIX, AZ 85008 ATTN: LAW DEPARTMENT MID A700



Use the Internet to transmit your voting instructions and for electronic delivery of information up until 11:59 p.m. Eastern Time the day before the cut-off date or meeting date. Have your proxy card in hand when you access the web site and follow the instructions to obtain your records and to create an electronic voting instruction form.

ELECTRONIC DELIVERY OF FUTURE PROXY MATERIALS

If you would like to reduce the costs incurred by ON Semiconductor Corporation ("we" or the "Company") in mailing proxy materials, you can consent to receiving all future proxy statements, proxy cards and annual reports electronically via e-mail or the Internet. To sign up for electronic delivery, please follow the instructions above to vote using the Internet and, when prompted, indicate that you agree to receive or access proxy materials electronically in future years.

VOTE BY PHONE - 1-800-690-6903

Use any touch-tone telephone to transmit your voting instructions up until 11:59 p.m. Eastern Time the day before the cut-off date or meeting date. Have your proxy card in hand when you call and then follow the instructions.

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.

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

| | | D40673-P47829 | | | | D40673-P47829 | KEEP THIS PORTION FOR YOUR RECORDS | | | | | | |
|---|--|--------------------|---------------------|--|----|---|------------------------------------|--|---------------------|------------|--|--|--|
| | THIS PROXY CARD IS VALID ONLY WHEN SIGNED AND DATED. | | | | | | | | | TION ONLY | | | |
| ON SEMIC | N SEMICONDUCTOR CORPORATION | | | | | | | | | | | | |
| The Board of Directors recommends a vote <u>FOR</u> each of the listed director nominees: | | ach of | | | | | | | | ר <i>ו</i> | | | |
| a 2 a | To elect ten directors, each for a one-year term ex at the Annual Meeting of Stockholders to be h 2022 or until his or her successor has been duly e and qualified, or until the earlier time of his or her or resignation or removal. | held in elected | | | | | | | | | | | |
| 1 | Nominees: | | For Against Abstain | | | The Board of Directors recommends a vote <u>FOR</u> Proposal 2, 3, 4 and 5. | | | For Against Abstain | | | | |
| 1 | 1a. Atsushi Abe | | | | 2. | Advisory (non-binding) resolution to ap compensation of our named executive office | | | | | | | |
| 1 | 1b. Alan Campbell | | | | 3. | Ratification of the selection of Pricewaterhoused as our independent registered public account the year ending December 31, 2021. | | | | | | | |
| 1 | 1c. Susan K. Carter | | | | 4. | , , | iconductor Plan. | | | | | | |
| 1 | 1d. Thomas L. Deitrich | | | | 5. | Approval of amendments to the ON Sem Corporation Amended and Restated Stock Inc | iconductor entive Plan. | | | | | | |
| 1 | 1e. Gilles Delfassy | | | | be | OTE: To transact such other business as may pro fore the meeting and any adjournment or pos | | | | | | | |
| 1 | 1f. Hassane S. El-Khoury | | | | ot | the meeting. | | | | | | | |
| 1 | 1g. Bruce E. Kiddoo | | | | | | | | | | | | |
| 1 | 1h. Paul A. Mascarenas | | | | | | | | | | | | |
| 1 | 1i. Gregory L. Waters | | | | | | | | | | | | |
| 1 | 1j. Christine Y. Yan | | | | | | | | | | | | |

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) Da | ate |
|------------------------------------|------|-----------------------------|-----|

Important Notice Regarding the Availability of Proxy Materials for the Annual Meeting: The Notice and Proxy Statement and Annual Report are available at www.proxyvote.com.

D40674-P47829

ON SEMICONDUCTOR CORPORATION Annual Meeting of Stockholders May 20, 2021, 8:00 a.m. local time This proxy is solicited by the Board of Directors

The stockholder(s) hereby appoint(s) Alan Campbell, Hassane S. El-Khoury and George H. Cave, 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 20, 2021, 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.