



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

VOTE BY INTERNET - www.proxyvote.com

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

KEEP THIS PORTION FOR YOUR RECORDS
 DETACH AND RETURN THIS PORTION ONLY

THIS PROXY CARD IS VALID ONLY WHEN SIGNED AND DATED.

ON SEMICONDUCTOR CORPORATION

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

- To elect ten directors, each for a one-year term expiring at the Annual Meeting of Stockholders to be held in 2022 or until his or her successor has been duly elected and qualified, or until the earlier time of his or her death, resignation or removal.

Nominees:

	For	Against	Abstain
1a. Atsushi Abe	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
1b. Alan Campbell	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
1c. Susan K. Carter	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
1d. Thomas L. Deitrich	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
1e. Gilles Delfassy	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
1f. Hassane S. El-Khoury	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
1g. Bruce E. Kiddoo	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
1h. Paul A. Mascarenas	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
1i. Gregory L. Waters	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
1j. Christine Y. Yan	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

The Board of Directors recommends a vote **FOR** Proposals 2, 3, 4 and 5.

	For	Against	Abstain
2. Advisory (non-binding) resolution to approve the compensation of our named executive officers.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3. Ratification of the selection of PricewaterhouseCoopers LLP as our independent registered public accounting firm for the year ending December 31, 2021.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4. Approval of an amendment to the ON Semiconductor Corporation 2000 Employee Stock Purchase Plan.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5. Approval of amendments to the ON Semiconductor Corporation Amended and Restated Stock Incentive Plan.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

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

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

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.

Continued and to be signed on reverse side