INSPIRE SEMICONDUCTOR HOLDINGS INC.

Form of Proxy – Annual and Special Meeting to be held on November 20, 2024

Appointment of Proxyholder

I/We being the undersigned holder(s) of **Inspire Semiconductor Holdings Inc.** hereby appoint **Thomas Fedorko** or failing this person, **Jack Cartwright**

as my/our proxyholder with full power of substitution and to attend, act, and to vote for and on behalf of the holder in accordance with the following direction (or if no directions have been given, as the proxyholder sees fit) and all other matters that may properly come before the **Annual General and Special** Meeting of **Inspire Semiconductor Holdings Inc.** to be held at **11305 Four Points Drive, Suite 2-250, Austin, TX 78726** at **9:30 a.m. CDT** or at any adjournment thereof.

OR

1. Number of Directors. To set the number of directors to be elected at the Meeting at eight (8).										For	
2. Election	n of Directors.	For	Withhold			For	Withhold			For	Withhold
a.	Alexander Gray			b. Ja	ames J. Hickman			c.	Mitchell Jacobson		
d.	Jeff R. Schneider			е.	William R. Van Dell			f	. Muneeb Yusuf		
g.	John B. Kennedy			h.	Jeff Brown				i.		
3. Appointment of Auditors. To consider and if deemed appropriate to approve the reappointment of Davidson & Company LLP, Chartered Accountants as Auditors of the Company for the ensuing year and to authorize the board of directors to fix their remuneration.										For	Withhold
4. Ordinary Resolution. To consider and, if deemed appropriate, to pass, with or without variation, an ordinary resolution of disinterested shareholders approving and confirming an Updated Equity Incentive Plan for the Company under which the Company may grant stock options, restricted share units, performance share units and deferred share units to eligible persons provided that the number of securities outstanding under such Updated Equity Incentive Plan shall not exceed 20% of the issued and outstanding Shares of the Company (on an as converted basis as it relates to Proportionate Voting Shares) outstanding on October 21, 2024.										For	Against
 Ordinary Resolution. To consider and, if deemed appropriate, to pass, with or without variation, an ordinary resolution of disinterested shareholders authorizing the Company to delist its Subordinate Voting Shares from the TSX Venture Exchange. 										For	Against
Signature(s) – This section must be completed for your instructions							Date				
to be executed.											
I/we authorize you to act in accordance with my/our instructions set out above. I/We hereby revoke any proxy previously given with respect to the Meeting. If no voting instructions are indicated above, this Proxy will be voted as recommended by Management.											MM / DD / YY
Interim Financial Statements – Check the box to the right if you would like to receive interim financial statements and accompanying Management's Discussion & Analysis by mail. See reverse for instructions to sign up for delivery by email.											

Trader's Bank Building 702, 67 Yonge Street Toronto ON M5E 1J8

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ODYSSEY

Print the name of the person you are appointing if this person is

someone other than the Management Nominees listed herein:

INSTEAD OF MAILING THIS PROXY, YOU MAY SUBMIT YOUR PROXY USING SECURE ONLINE VOTING AVAILABLE ANYTIME:

This form of proxy is solicited by and on behalf of Management. Proxies must be received by 9.30 a.m., CDT, on November 18, 2024

Notes to Proxy

- 1. Each holder has the right to appoint a person, who need not be a holder, to attend and represent them at the Meeting. If you wish to appoint a person other than the persons whose names are printed herein, please insert the name of your chosen proxyholder in the space provided on the reverse.
- 2. If the securities are registered in the name of more than one holder (for example, joint ownership, trustees, executors, etc.) then all of the registered owners must sign this proxy in the space provided on the reverse. If you are voting on behalf of a corporation or another individual, you may be required to provide documentation evidencing your power to sign this proxy with signing capacity stated.
- 3. This proxy should be signed in the exact manner as the name appears on the proxy.
- 4. If this proxy is not dated, it will be deemed to bear the date on which it is mailed by Management to the holder.
- The securities represented by this proxy will be voted as directed by the holder; however, if such a direction is not made in respect of any matter, this proxy will be voted as recommended by Management.
- 6. The securities represented by this proxy will be voted or withheld from voting, in accordance with the instructions of the holder, on any ballot that may be called for and, if the holder has specified a choice with respect to any matter to be acted on, the securities will be voted accordingly.
- 7. This proxy confers discretionary authority in respect of amendments to matters identified in the Notice of Meeting or other matters that may properly come before the meeting.
- 8. This proxy should be read in conjunction with the accompanying documentation provided by Management.



To Vote Your Proxy Online please visit: https://vote.odysseytrust.com

You will require the CONTROL NUMBER printed with your address to the right.

If you vote by Internet, do not mail this proxy.

To request the receipt of future documents via email and/or to sign up for Securityholder Online services, you may contact Odyssey Trust Company at https://odysseytrust.com/ca-en/help/

Voting by mail may be the only method for securities held in the name of a corporation or securities being voted on behalf of another individual. A return envelope has been enclosed for voting by mail.