

119TH CONGRESS
2D SESSION

H. R. 10170

To require the Secretary of Commerce to conduct a study on the marketplace for advanced memory technology, and for other purposes.

IN THE HOUSE OF REPRESENTATIVES

AUGUST 27, 2026

Mrs. MILLER-MEEKS (for herself and Mr. SOTO) introduced the following bill;
which was referred to the Committee on Energy and Commerce

A BILL

To require the Secretary of Commerce to conduct a study on the marketplace for advanced memory technology, and for other purposes.

1 *Be it enacted by the Senate and House of Representa-*
2 *tives of the United States of America in Congress assembled,*

3 **SECTION 1. SHORT TITLE.**

4 This Act may be cited as the “Memory Chip Competi-
5 tiveness Assessment Act of 2026”.

6 **SEC. 2. ADVANCED MEMORY TECHNOLOGY STUDY.**

7 (a) STUDY REQUIRED.—The Secretary shall conduct
8 a study on the marketplace for advanced memory tech-
9 nology.

1 (b) ELEMENTS.—In conducting the study required by
2 subsection (a), the Secretary shall assess the following:

3 (1) The marketplace for advanced memory tech-
4 nology, including factors relating to the following:

5 (A) Demand for advanced memory tech-
6 nology.

7 (B) Industries and products that use ad-
8 vanced memory technology.

9 (C) Supply constraints associated with ad-
10 vanced memory technology.

11 (2) The impact of trends in such advanced
12 memory technology marketplace on the cost of end
13 products for consumers and small businesses in the
14 United States.

15 (3) Capital intensity, investment cycles, and
16 technology transition considerations for advanced
17 memory technology.

18 (4) The supply chain for advanced memory
19 technology, including an analysis of suppliers of ad-
20 vanced memory technology that are not domiciled in
21 a country of concern.

22 (5) Any legal, regulatory, or policy barrier re-
23 lated to limitations in the supply of advanced mem-
24 ory technology.

1 (6) Any regulatory, legislative, or market solu-
2 tion to increase supply in advanced memory tech-
3 nology without obtaining a greater amount of such
4 supply from a country of concern.

5 (c) CONSULTATION.—In conducting the study re-
6 quired by subsection (a), the Secretary shall consult with
7 the following:

8 (1) The head of any relevant Federal agency.

9 (2) Non-governmental stakeholders, including
10 the following:

11 (A) Manufacturers of advanced memory
12 technology.

13 (B) Manufacturers of semiconductor man-
14 ufacturing equipment and materials for ad-
15 vanced memory technology.

16 (C) Customers of advanced memory tech-
17 nology, including internet service providers and
18 manufacturers of consumer electronics and
19 motor vehicles.

20 (d) SUBMISSION; PUBLICATION.—Not later than 270
21 days after the date of the enactment of this Act, the Sec-
22 retary shall—

23 (1) submit to the appropriate congressional
24 committees a report on the study required by sub-
25 section (a); and

1 (2) publish such report on a website of the De-
2 partment of Commerce.

3 (e) OPPORTUNITY FOR PUBLIC COMMENT.—Before
4 the Secretary submits the report as required by subsection
5 (d)(1), the Secretary shall provide an opportunity for pub-
6 lic comment with respect to such report.

7 (f) DEFINITIONS.—In this section:

8 (1) ADVANCED MEMORY TECHNOLOGY.—The
9 term “advanced memory technology” means semi-
10 conductor memory products that—

11 (A) are manufactured using leading-edge
12 process technologies; and

13 (B) are primarily designed for high-per-
14 formance, high-bandwidth, or energy-efficient
15 computing applications, including—

16 (i) dynamic random-access memory at
17 or below industry-leading nodes;

18 (ii) high-bandwidth memory and 3-di-
19 mensional-stacked memory architectures;

20 (iii) 3-dimensional NAND that employ
21 high-layer-count architectures that exceed
22 200 layers; and

23 (iv) memory solutions that enable sys-
24 tems relating to artificial intelligence, data
25 centers, motor vehicle autonomy, and ad-

1 vanced communications, including DDR4,
2 DDR5, LPDDR, and any other commer-
3 cially significant memory technologies.

4 (2) APPROPRIATE CONGRESSIONAL COMMIT-
5 TEES.—The term “appropriate congressional com-
6 mittees” means—

7 (A) the Committee on Energy and Com-
8 merce of the House of Representatives; and

9 (B) the Committee on Commerce, Science,
10 and Transportation of the Senate.

11 (3) COUNTRY OF CONCERN.—The term “coun-
12 try of concern” has the same meaning given the
13 term “covered nation” in section 4872(f) of title 10,
14 United States Code.

15 (4) SECRETARY.—The term “Secretary” means
16 the Secretary of Commerce (acting through the Of-
17 fice of the Secretary of Commerce).

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