

**AMENDMENT IN THE NATURE OF A SUBSTITUTE
TO H.R. 10170
OFFERED BY MRS. MILLER-MEEKS OF IOWA**

Strike all after the enacting clause and insert the following:

1 SECTION 1. SHORT TITLE.

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

4 SEC. 2. ADVANCED MEMORY TECHNOLOGY STUDY.

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

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

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

12 (A) Demand for advanced memory tech-
13 nology.

14 (B) Industries and products that use ad-
15 vanced memory technology.

16 (C) Supply constraints associated with ad-
17 vanced memory technology.

1 (2) The impact of trends in such advanced
2 memory technology marketplace on the cost of end
3 products for consumers and small businesses in the
4 United States.

5 (3) Capital intensity, investment cycles, and
6 technology transition considerations for advanced
7 memory technology.

8 (4) The supply chain for advanced memory
9 technology, including an analysis of suppliers of ad-
10 vanced memory technology that are not domiciled in
11 a country of concern.

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

15 (6) Any regulatory, legislative, or market solu-
16 tion to increase supply in advanced memory tech-
17 nology without obtaining a greater amount of such
18 supply from a country of concern.

19 (7) The role of countries of concern with re-
20 spect to the design and manufacturing of advanced
21 memory technology.

22 (c) CONSULTATION.—In conducting the study re-
23 quired by subsection (a), the Secretary shall consult with
24 the following:

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

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

3 (A) Manufacturers of advanced memory
4 technology.

5 (B) Manufacturers of semiconductor man-
6 ufacturing equipment and materials for ad-
7 vanced memory technology.

8 (C) Customers of advanced memory tech-
9 nology, including internet service providers and
10 manufacturers of consumer electronics and
11 motor vehicles.

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

15 (1) submit to the appropriate congressional
16 committees a report on the study required by sub-
17 section (a); and

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

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

24 (f) DEFINITIONS.—In this section:

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

4 (A) are manufactured using leading-edge
5 process technologies; and

6 (B) are primarily designed for high-per-
7 formance, high-bandwidth, or energy-efficient
8 computing applications, including—

9 (i) dynamic random-access memory at
10 or below industry-leading nodes;

11 (ii) high-bandwidth memory and 3-di-
12 mensional-stacked memory architectures;

13 (iii) 3-dimensional NAND that employ
14 high-layer-count architectures that exceed
15 200 layers; and

16 (iv) memory solutions that enable sys-
17 tems relating to artificial intelligence, data
18 centers, motor vehicle autonomy, and ad-
19 vanced communications, including DDR4,
20 DDR5, LPDDR, and any other commer-
21 cially significant memory technologies.

22 (2) APPROPRIATE CONGRESSIONAL COMMIT-
23 TEES.—The term “appropriate congressional com-
24 mittees” means—

1 (A) the Committee on Energy and Com-
2 merce of the House of Representatives; and

3 (B) the Committee on Commerce, Science,
4 and Transportation of the Senate.

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

9 (4) SECRETARY.—The term “Secretary” means
10 the Secretary of Commerce (acting through the Of-
11 fice of the Secretary of Commerce).

