



H.Res. 1471 – Honoring the 50th anniversary of the successful demonstration of the first integrated circuit and its impact on the electronics industry

FLOOR SITUATION

H.Res. 1471 is being considered on the floor under suspension of the rules and will require a two-thirds majority vote for passage. This legislation was introduced by Representative Ralph Hall (R-TX) on September 18, 2008. The resolution was referred to the Committee on Science and Technology, but was never considered.

H.Res. 1471 is expected to be considered on the floor of the House on September 22, 2008.

SUMMARY

H.Res. 1471 resolves that the House of Representatives:

- Recognizes and honors the research and development efforts of Jack Kilby and his contemporaries, who by inventing and perfecting the integrated circuit brought us modern electronics and changed the world; and
- Recognizes the importance of continued advancements in electronics to the well-being of America.

BACKGROUND

On September 12, 1958, Jack St. Clair Kilby demonstrated the first integrated circuit for several Texas Instrument executives. The first integrated circuit was made of germanium, combined with a transistor, several resistors and a capacitor.

The United States Air Force first used the integrated circuit in 1961 for the first computer using silicon chips and for the Minuteman Missile in 1962. Kilby also used the integrated circuit to co-invent the first handheld calculator. The integrated circuit revolutionized electronics and has helped the worldwide electronics market grow from \$29 billion in 1961 to approximately nearly \$1.5 trillion today.

Kilby received the National Medal of Science in 1969 and the National Medal of Technology in 1990. He also shared the Nobel Prize in Physics in 2000 for his invention of and contributions to the integrated circuit.

STAFF CONTACT

For questions or further information contact Brianne Miller at 6-2302.