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8/2025	153.709 GB	3,373
7/2025	133.713 GB	3,357
6/2025	131.798 GB	3,004

tetsuji oguchi

Tetsuji Oguchi is a prominent Japanese semiconductor and software engineer who has made significant contributions to the development of early LSI (Large-Scale Integration) products and graphics display controllers.

Key highlights of his career include:

- Key Products:** He was a lead engineer involved in the development of several important microprocessors and graphics controllers, most notably the [NEC \$\mu\$ PD7220 Graphics Display Controller](#), which was highly acclaimed and became one of the industry's first dedicated graphics processors.
- Company Affiliations:** His work was primarily with NEC (Nippon Electric Corporation), where many of his masterpieces were developed under a technology exchange agreement with Intel in 1979.
- Publications and Seminars:** Oguchi has authored technical theses in popular electronics magazines in Japan, such as *Transistor Technology*, and his work has been the subject of technical seminars.
- Technical Expertise:** He possesses a broad range of experience spanning hardware and software, device physics, LSI testing, and marketing, advocating for an all-encompassing approach to product development (which he calls "silicon software").
- Gaming Preservation:** He collaborated with others in the retro gaming community to preserve the ROM dumps of every game for the Epoch Cassette Vision, a historic Japanese game console that achieved significant market success in the early 1980s.

Oguchi maintains a [personal website](#) where he details his professional history, publications, and various personal projects, including a custom calculator and unit converter tools.

6 sites

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