

One of the most important components in DVD player development

Registration No.	Number 00294		
Registration Date	September 15, 2020	Registration Category	Category 1

Name (Model, etc.)	MPEG2 Deoder LSI 「TC81201F」
Location	Kawasaki-shi, Kanagawa
	Toshiba Science Museum
Owner (Custodian)	Toshiba Corporation
Manufacturer (Company)	Toshiba Corporation
Year Manufactured	1996
Year first appeared	1996
Reason For Selection	MPEG2 compression was introduced to enable the image quality required for DVD to be stored as digital data on a disc with limited storage capacity. Decoding the MPEG2 signal requires large-scale electronic circuitry, which meant a chip had to be developed to fit this circuitry into a household DVD player. The world's first DVD MPEG2 decoder LSI was developed on a single chip especially for DVD, based on existing MPEG2 decoder ICs. Achieving this most important component made DVD players possible. Although later highly integrated developments were made in LSI to include additional functions that contributed to the further development of the DVD player, this LSI is significant as the foundational technology.
Registration Standard	1-B (Show a uniquely Japanese scientific or technological development from an international perspective.)

Open/Closed to Public	Closed to Public
Photo	
Other useful information	