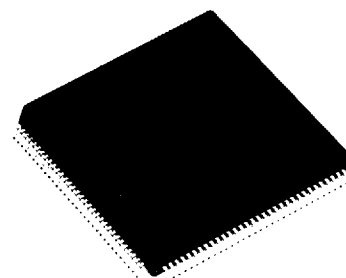


LC8954

Overview

The LC8954 is a new chip that adds a general-purpose 68000 MPU interface circuit, DMA controller interface circuit, and attenuator circuit to the LC89560.

The LC8954 replaces the previously required three chips(LC8951, LC8955, LC8953) for peripheral support of output from CD players in CD-I hardware. This helps the miniaturization and cost reduction for CD-I system.



Features

- Includes all of the LC89560 functions
- Can directly interface with the General-Purpose 68000MPU.
- On-chip attenuator circuit (4-channel independent gain setting).
- On-chip DMA controller interface.
- On-chip subcode interface circuit
- Sub-CPU can directly access SRAM.

Package

128-pin flat package (QIP128E)

Block diagram

