

January 1997

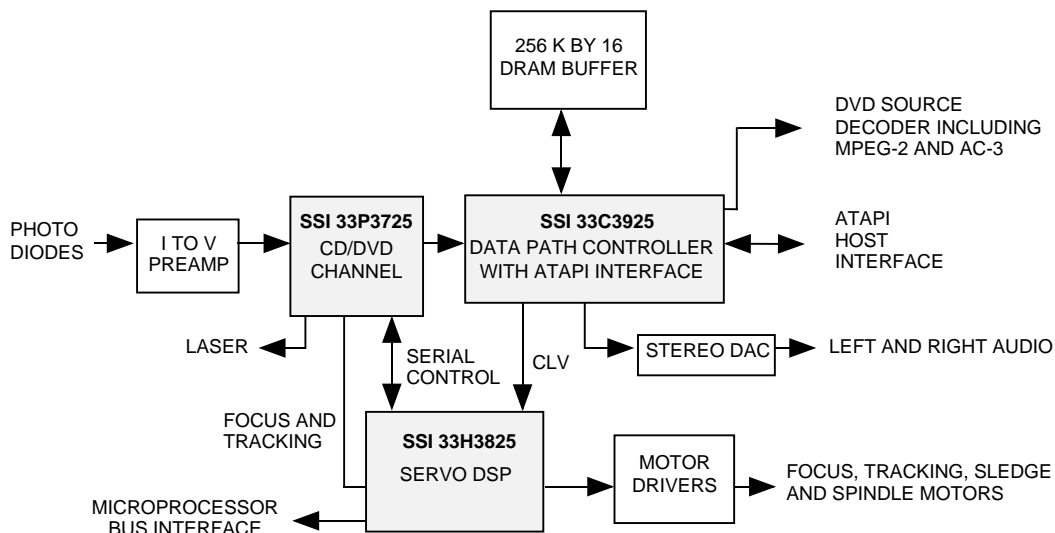
## DESCRIPTION

The Silicon Systems DV25™ chip set integrates the major portions of the electronics required to build a DVD-ROM drive. The chip set is compatible with add-on DVD source decoders for MPEG/AC-3 decoding in DVD-player designs. The DV25™ chip set consists of three devices which includes the SSI 33P3725 Analog Front End with Data Slicer and Synchronizer, SSI 33H3825 Servo DSP Processor, and SSI 33C3925 Data Path Controller. The DV25™ chip set provides the highest level of integration and performance supporting both DVD-ROM and DVD-player drive implementation.

## FEATURES

- **SSI 33P3725 Analog Front End with complete CD/DVD servo and data recovery**
- **SSI 33H3825 Servo DSP Processor implementing CLV, focus, tracking, jumps, and service functions in CD and DVD modes of operation**
- **CAV support**
- **Performance up to 3X DVD**
- **SSI 33C3925 Data Path Controller providing complete CD-DA and CD-ROM backwards compatibility**
- **ATAPI or DVD source decoder interfaces for DVD-ROM or player**

## BLOCK DIAGRAM



**Prototype:** Indicates a product still in the design cycle, and any specifications are based on design goals only. Do not use for final design.

Silicon Systems reserves the right to make changes in specifications at any time without notice. Accordingly, the reader is cautioned to verify that the data sheet is current before placing orders.

Silicon Systems, Inc., 14351 Myford Road, Tustin, CA 92780-7068 (714) 573-6000, FAX (714) 573-6914