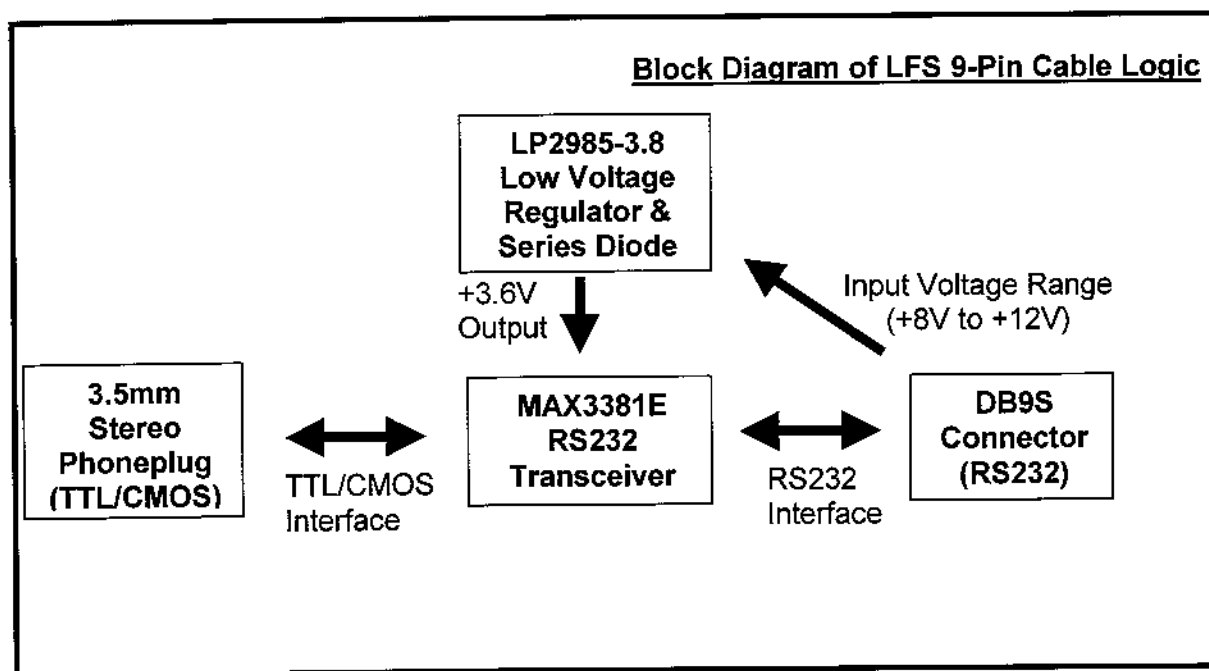---

4 Design Implementation

4.1 Design description

A brief description of design is being given underneath.

LFS-9pinCable – Sch-MAX.PDF: This schematic sheet provides the detailed logic of the LFS 9-Pin Cable. The major functional blocks are the DB9S connector that provides RS232 interface with IBM compatible PC, a RS232 transceiver, Low drop out regulator and a 3.5mm stereo phone plug that provide TTL/CMOS interface with LFS BGM.

Block Diagram of LFS 9-Pin Cable Logic

The detail function of each block is as follows: