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Lisa 2: Failing To Respond On Large AppleTalk Networks

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A number of Lisa 2s--not 2/10s--were produced with pull-up and pull-down resistors on the input line of the serial port that AppleTalk uses. These resistors can create a problem for Lisas that are part of large AppleTalk networks, such as one 1800' long and containing 32 nodes. In such complex networks, these Lisas can fail to "hear" messages addressed to them and consequently can fail to respond.

To remedy the situation:

--On the Lisa I/O board, part #690-0117, cut the trace running pin 3 of RP4 (the resistor pack located to the left of the batteries).

--Remove R38 (the 10K ohm resistor located above the upper left-hand corner of the battery pack).

The pull-up/down resistors are now disabled; the Lisa will now respond properly to the network.

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