



of pulses to a sound chip that issues vocal instructions, also dis-

played on an LCD. To deter the potential for cheating, copper

switches on the board track the position of all players.

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Additional parts required: 25 Pin D-sub ca-

controller; 1 large, 1 small protoboard; Twister board; copper sheet; backing for game board;

ble; assorted capacitors and resistors; PIC 16F84A microcontroller, PIC 16F877A micro-

paint; fasteners, aluminum; sheet metal