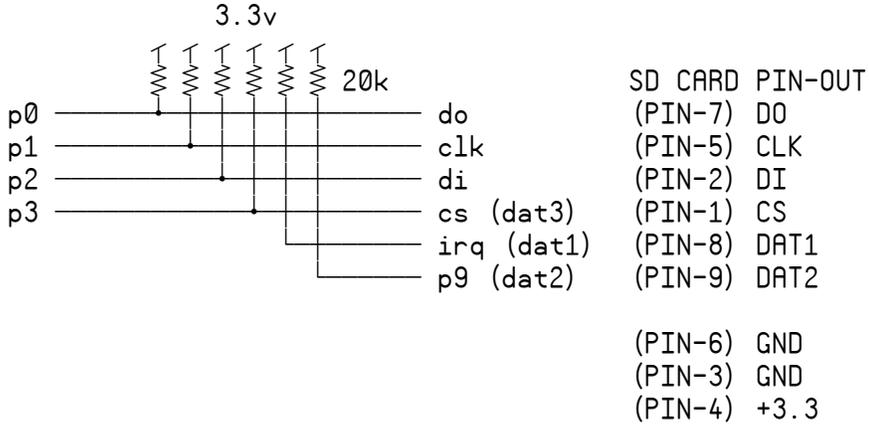


CONNECTING THE SD/MMC CARD TO PROPELLER PROTOBOARD

Assumes SD card is interfaced using four consecutive Propeller pins, as follows (assuming the base pin is pin 0):



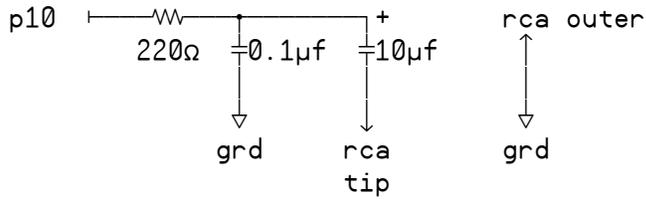
SD CARD Socket Pin-out:

PIN	SD CARD	Propeller
1 (NC)		
2	(PIN-9) DAT2	Pull-up
3	(PIN-1) CS	Pull-up P3
4	(PIN-2) DI	Pull-up P2
5	(PIN-3) GND	GND
6	(PIN-4) +3.3	VCC
7	(PIN-5) CLK	Pull-up P1
8	(PIN-6) GND	GND
9	(PIN-7) DO	Pull-up P0
10	(PIN-8) DAT1	Pull-up
11 (CD SW)		

Formatting the SD from Microsoft Windows XP
 (Format should be FAT, with 8k blocks)

FORMAT X: /fs:fat /a:8192

ADDING AUDIO TO THE PROPELLER PROTOBOARD



A resistor from an output pin of a value in the 200Ω range (220 should be ok), the other end of the resistor is attached to a 0.1μF capacitor whose other end is attached to ground. A 10μF capacitor tied to the node the resistor and other capacitor are on with its other end tied to the tip of the RCA plug. Finally the outer portion of the RCA plug is tied to ground.

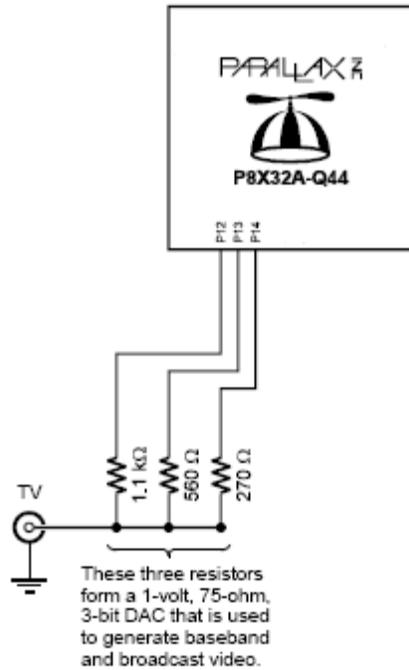
I used a 220 ohm resistor, and an electrolytic with the + facing the Propeller.

Stereo Sound: (Duplicate)

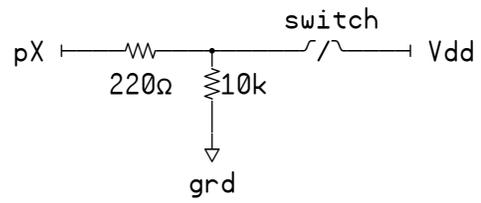
My own Propeller has this circuit on pins 10 & 11.

ADDING COMPOSITE VIDEO TO PROPELLER PROTOBOARD

This is a cleaned-up copy of composite video connection from the Demo board schematic. 1.0k worked fine in place of 1.1k



CONNECTING AN INPUT SWITCH TO PROPELLER PROTOBOARD



This is a simple circuit for adding a switch to the Propeller.