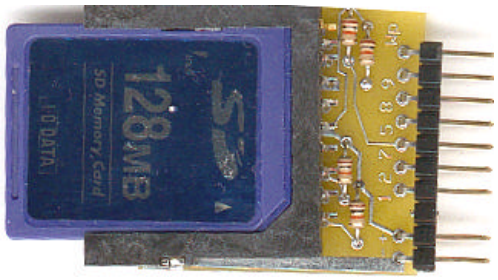
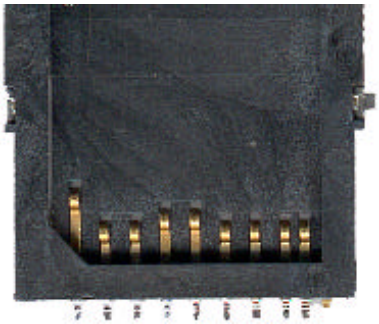
SDADP1

SD (SecureDigital) card / MMC (MultiMedia Card) adapter for prototyping configured for SPI mode operation



SD and MMC adapter shown assembled (SD card not included in the kit)

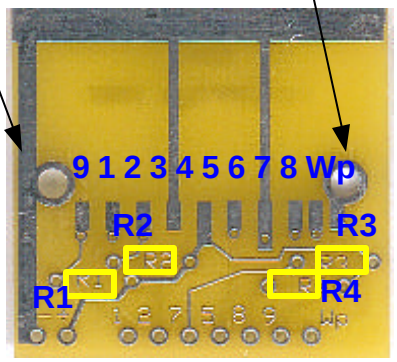


9 1 2 3 4 5 6 7 8 Wp

SD 10 pin socket. This socket will also accept MMC cards. Green color pin numbers are used with MMC cards

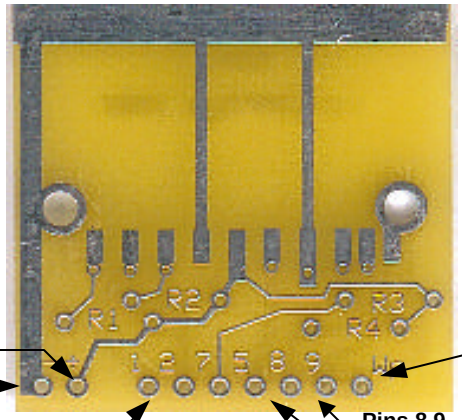
SD and MMC cards are low voltage devices.

Boss holes for proper alignment



R1-R4 10k or 4.7k Pull-up resistors (axial or SMD)

SPI Mode Pin Configuration



3.3v+

GND

Card Sense pin is GND when a card is inserted

Pins 8,9

SS

MOSI

MISO

SCK

PINS 1,2,7,5

NOTE: Pins 8 and 9 (DAT1 and DAT2) are not used but have pull-up resistors installed

Assembly Notes

Use a fine point low wattage (15-20w) soldering iron when soldering. Use only very small amounts of solder. Carefully align the socket pins with the pads on the pcb and seat the SD card so that the two bosses on the back side of the card seat in the pcb holes. Solder the resistors and trim excess leads. SD and MMC cards are 2.7 - 3.6v devices and will not work with higher voltages.

Disclaimer and Terms of Agreement

As with any kit, only the individual parts supplied are guaranteed against defects and not the user assembled unit. All kit parts are purchased from reputable sources such as Digikey Inc, Allied Electronics and Mouser Inc, however,should a kit part be ascertained to be defective it will be replaced at no charge within 30 (thirty) days of the purchase date. Beyond that, COMPSys Workbench and / or the COMPSys developer(s) assume no liability and WILL NOT be held liable nor be held responsible wholly or in part for any damages caused by the construction of and / or use of their products sold .

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