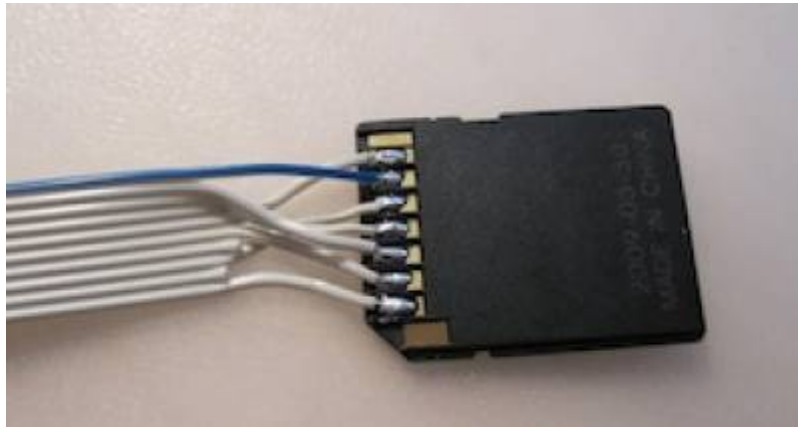


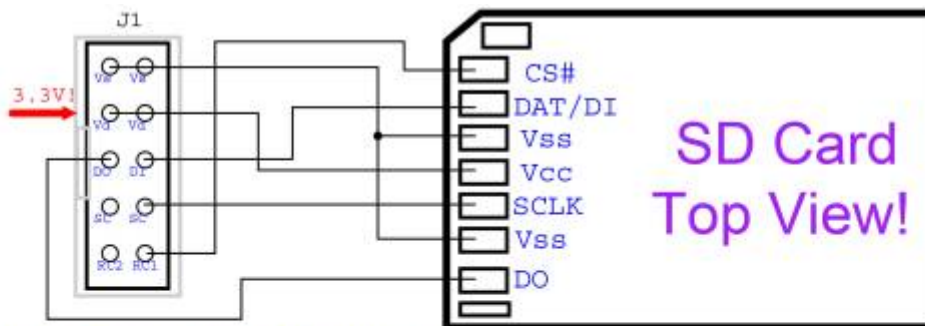
# SD Card Module



## Introduction

SD Card Could be interfaced with Core board for Data Storage / Reading . It replaces Banksticks.

## Interconnection



Note: DO connected to SI of Core Module  
 DI connected to SO of Core Module  
 S stands for "Serial", not "Slave"

Direct Connections are only possible with MBHP\_CORE\_STM32 (3.3V IO)  
 PIC based MBHP\_CORE (5.0V IO) requires additional resistors (voltage dividers)  
 and a 3.3V Voltage Regulator

MIDibox Hardware Platform  
 MBHP\_SDCARD  
 (C) T. Klose 2009-02-24

## STM32 Specific

The resistor array R30 of the MBHP\_CORE\_STM32 module shouldn't be connected when a SD Card is used, because pads are configured in Push-Pull mode at 3.3V. SD Card transfers could work unstable with these Pull-Up resistors!

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