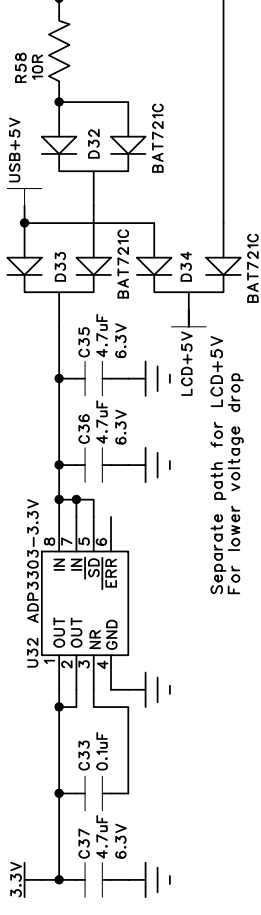
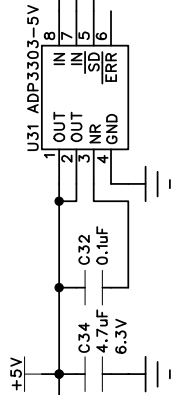


### DVDD 3.3V REGULATOR

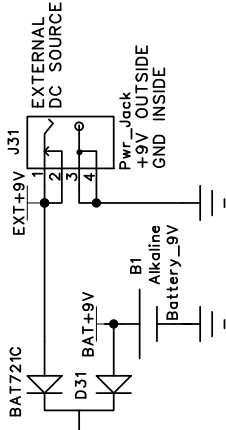
DVdd auto selection.  
The extra diode makes USB+5V  
the preferred source for uC 3.3V



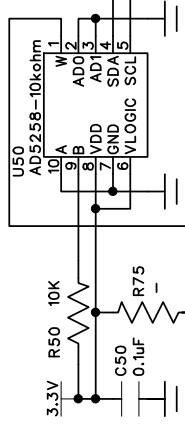
### AVDD 5.0V REGULATOR



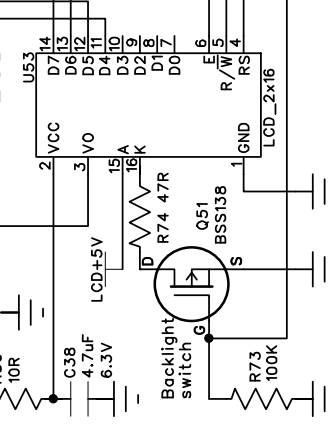
### 9V DC SOURCE



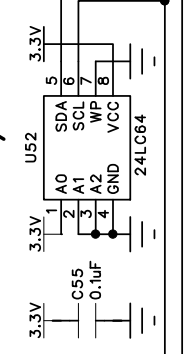
### LCD CONTRAST



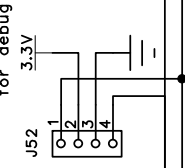
### LCD



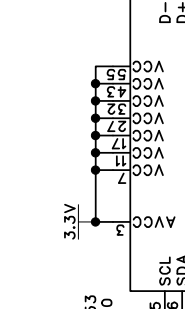
### EEPROM-SW/USB ID



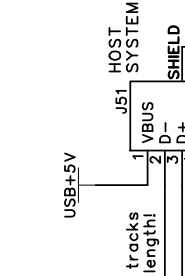
### I2C connector for debug



### USB CONTROLLER



### USB INTERFACE



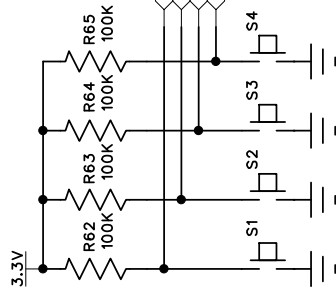
### ADC SERIAL INTERFACE



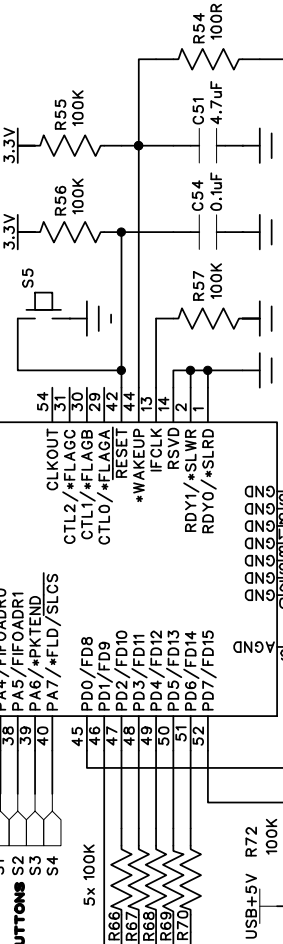
### ADC SETUP READBACK



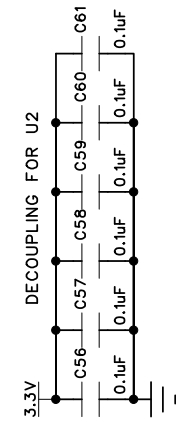
### BUTTONS

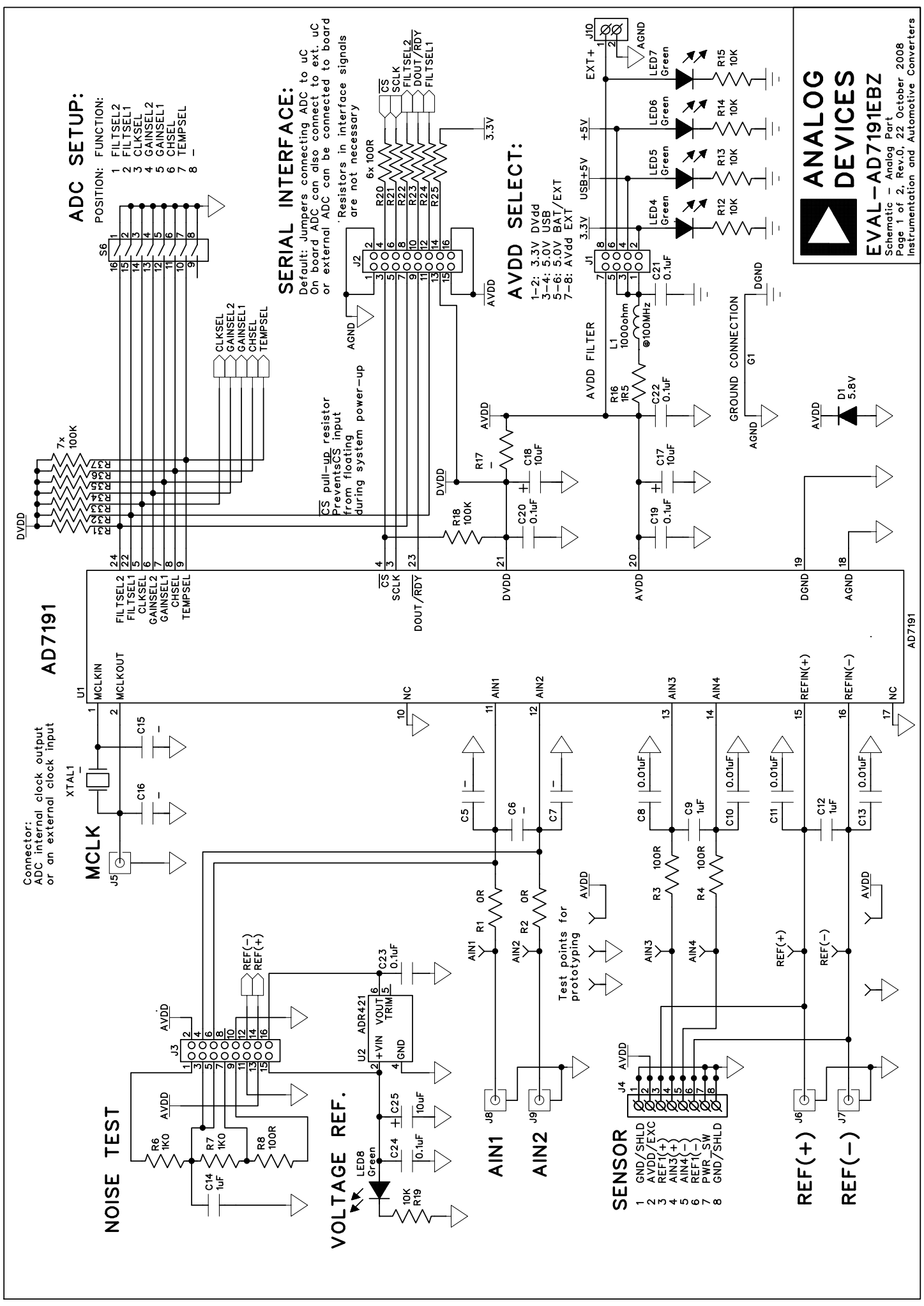


### RESET



**ANALOG DEVICES**  
EVAL-AD7191EBZ  
Schematic - Digital Part  
Page 2 of 2, Rev.0, 22 October 2008  
Instrumentation and Automotive Converters





Connector:  
ADC internal clock output  
or an external clock input

### ADC SETUP:

- POSITION: FUNCTION:
- 1 FILTSEL2
  - 2 FILTSEL1
  - 3 CLKSEL
  - 4 GAINSEL2
  - 5 GAINSEL1
  - 6 CHSEL
  - 7 TEMPSEL
  - 8 -

### SERIAL INTERFACE:

Default: Jumpers connecting ADC to uC  
On board ADC can also connect to ext. uC  
or external ADC can be connected to board

Resistors in interface signals  
are not necessary

### AVDD SELECT:

- 1-2: 3.3V DVdd
- 3-4: 5.0V USB
- 5-6: 5.0V BAT/EXT
- 7-8: AVdd EXT



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Schematic - Analog Part  
 Page 1 of 2, Rev.0, 22 October 2008  
 Instrumentation and Automotive Converters