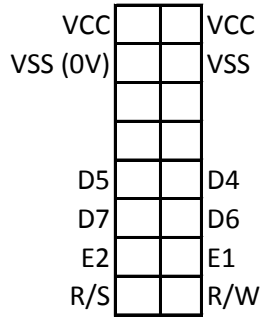
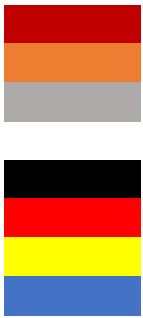


**Connections for 4x40 lcd (IVEK backplane)**

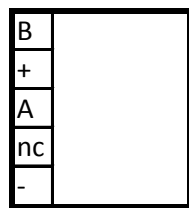
**Connections Arduino UNO**

cable left from header      header (view from below)



R/S : 13  
 E1 : 12  
 E2 : 11  
 D4 : 10  
 D5 : 9  
 D6 : 8  
 D7 : 7  
 R/W : GND

**Rotary Switch bottomsides**



A1  
 5V  
 A0  
  
 GND

**Pushbuttons**

Left  
 Mid  
 Right  
 LED

**via interfacepcb**

D4  
 D5  
 D6  
 D3

When using I2S, you must make your own connections with interface pcb.  
 Make sure you have a good reception because when I2S is activated, it is jamming the DAB frequencies

**I2S interface**

interface

tuner

- SCK - MCLK (11) (system clock) (master clock).
- BCK - BCLK (12) (audio data bit clock)
- DIN - data (9)
- LCK - LRCLK (10) (audio data word clock)
- GND
- VIN - 5V

a little...