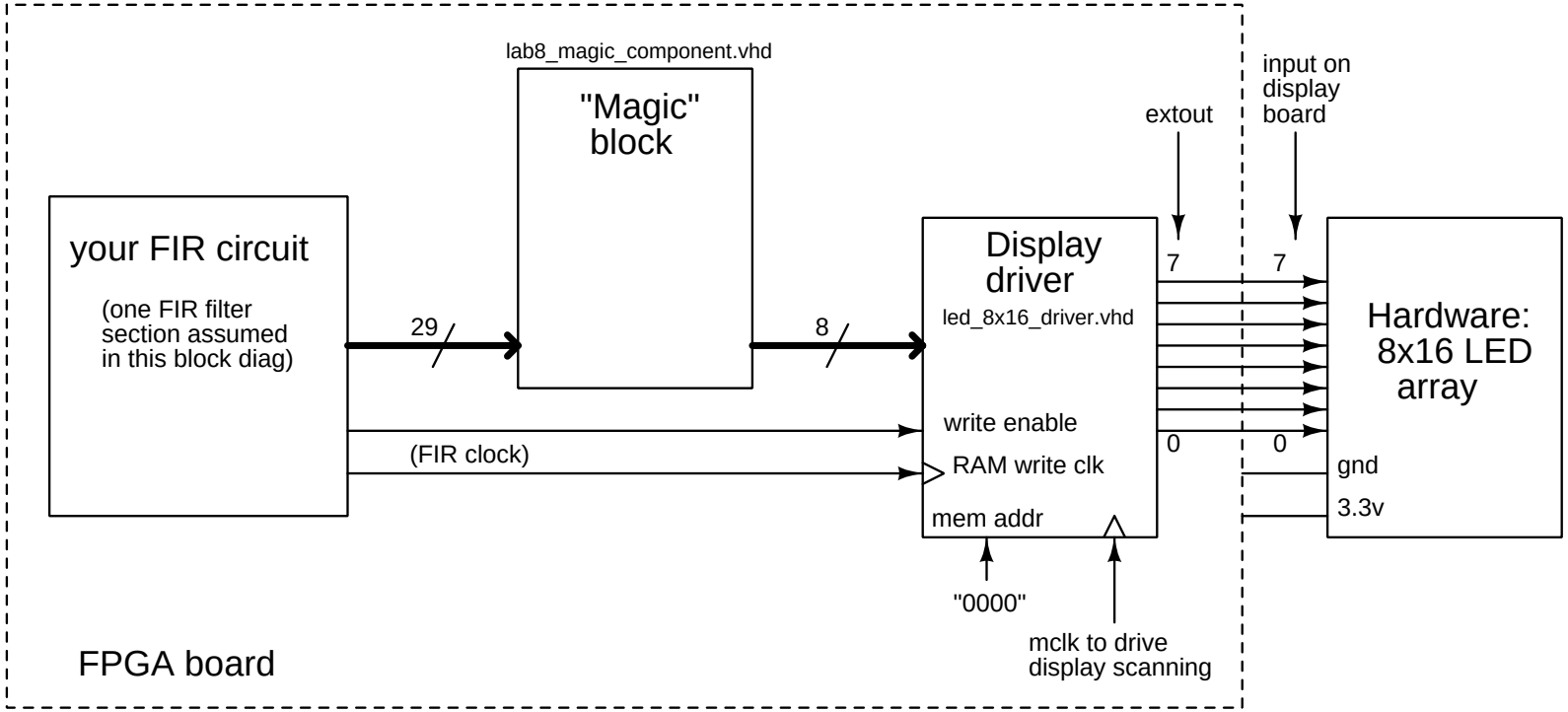

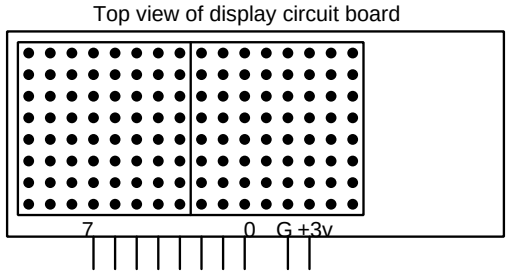

Notes: 1) To send clock to the A/D converter use extout8
Use an extin port to send CE to the A/D (although named input, the inputs can be used for output)

2) 29 bits, including the sign bit, are shown as input to the "magic" block. This would be the number for a 32 tap filter. If you are using 16 taps there will be 28 bits and you could concatinate a fixed zero as the least significant bit going into the magic block. Or modify the magic block description.

3) For one FIR filter output, as shown above, one column of 8 LEDs will be used. As shown, column zero.

Lab 8 display details		
L.Aamodt		12/11/16