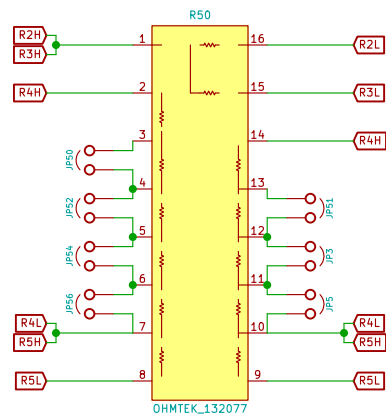
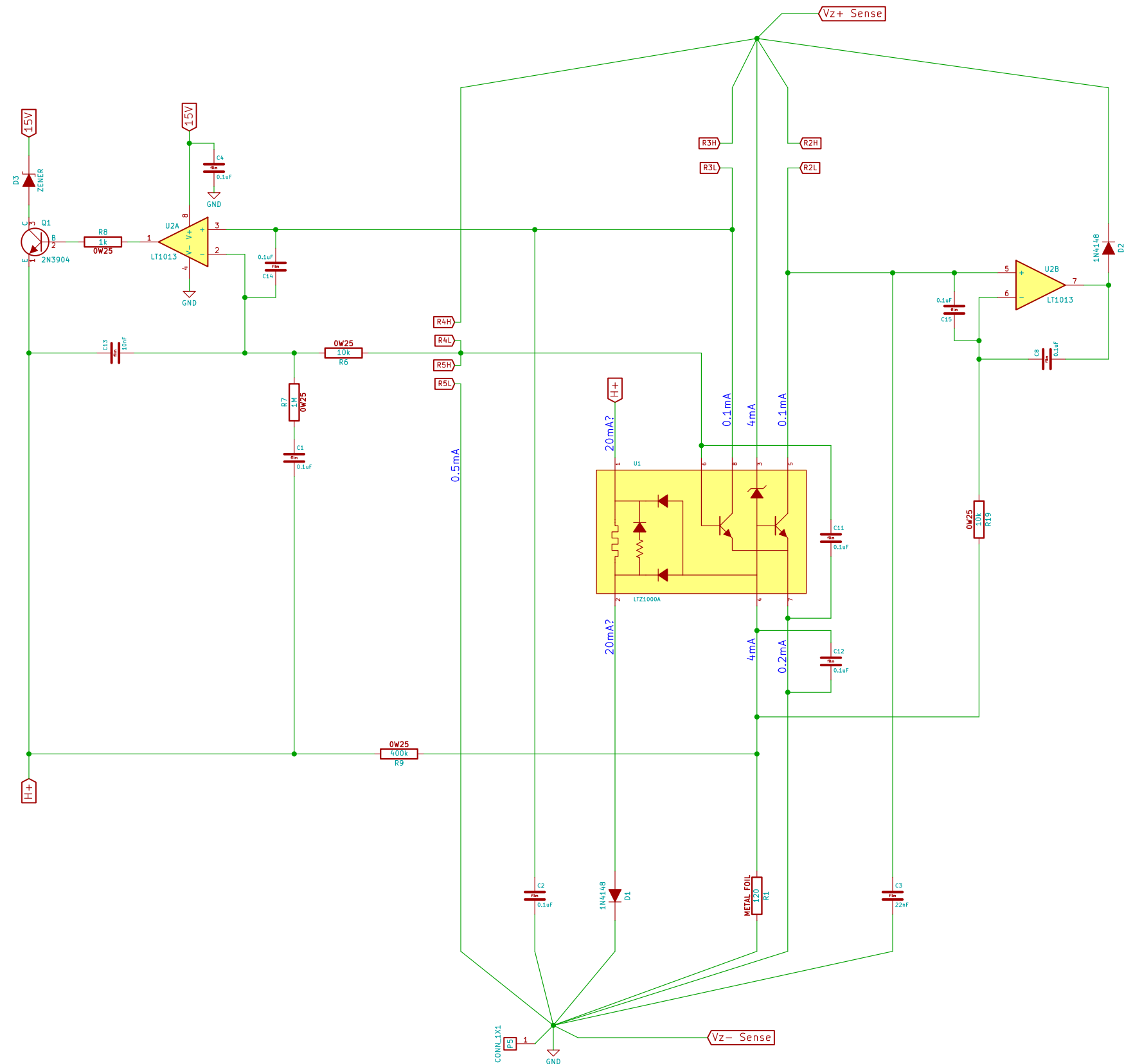
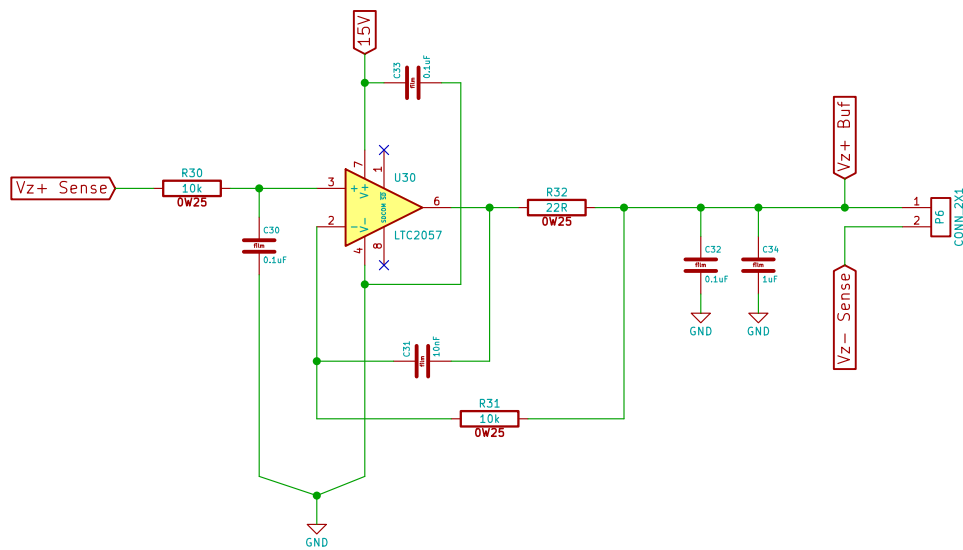


PX Ref: an LTZ1000–based 7V reference

based on the circuit by Andreas of the EEVBlog forum  
See <http://www.eevblog.com/forum/metrology/ultra-precision-reference-ltz1000/msg249123/#msg249123>



Unity-gain buffer



See <http://www.eevblog.com/forum/metrology/px-reference/msg1386871/#msg1386871>  
ADA4522–1 may also be substituted.

Impact of resistor drift (according to data sheet):

R1: 1/100  
R2: 1/350  
R3: 1/500  
R4/R5: 1/100

Impact of resistor drift (according to janaf):

R1: -1/770  
R2: -1/250  
R3: -1/1400  
R4/R5: 1/100

(See <http://www.eevblog.com/forum/metrology/ultra-precision-reference-ltz1000/msg615470/#msg615470>)

