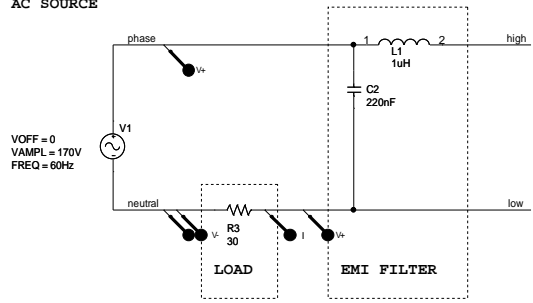
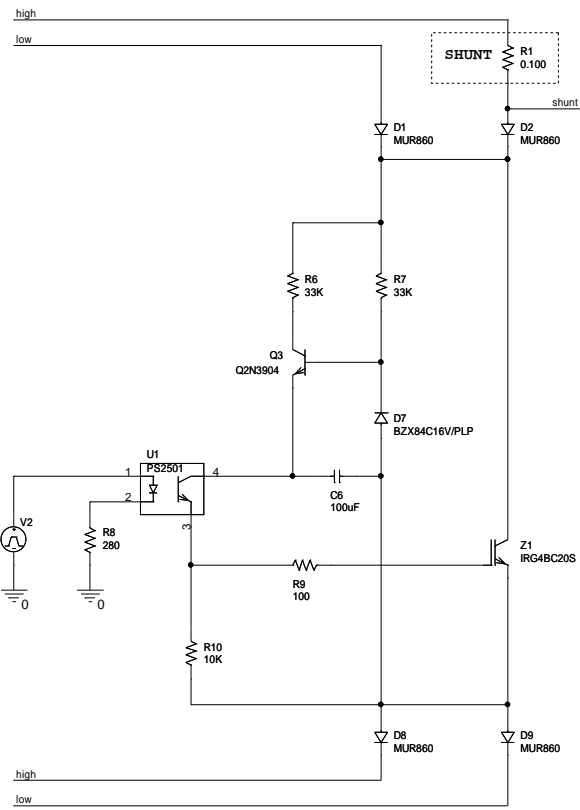


### AC SOURCE



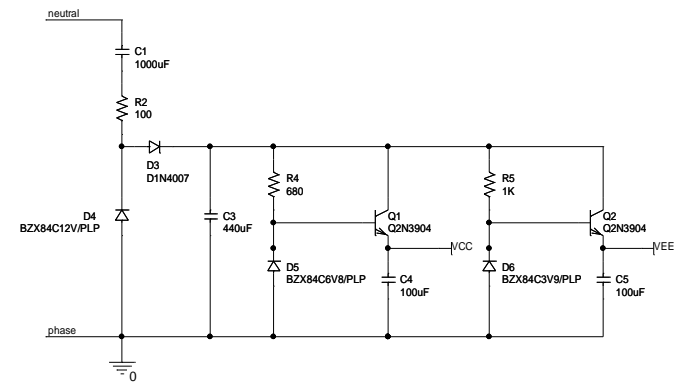
### DIMMER



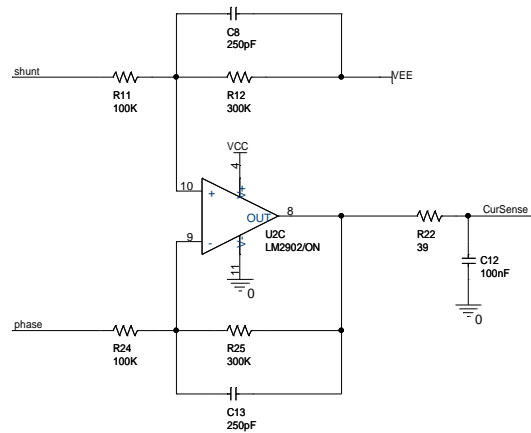
PARAMETERS:  
freq = 60Hz  
dutycycle = 0.5

V1 = 0V  
V2 = 3.3V  
TD = 0  
TR = 10ns  
TF = 10ns  
PW = (dutycycle/(2\*freq))  
PER = (1/(2\*freq))

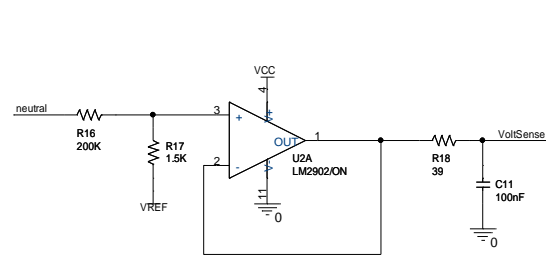
### POWER SUPPLY



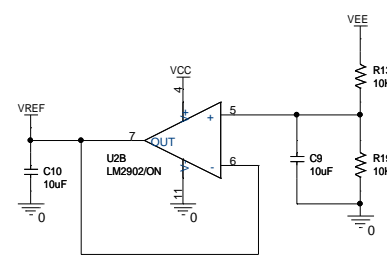
### CURRENT SENSOR



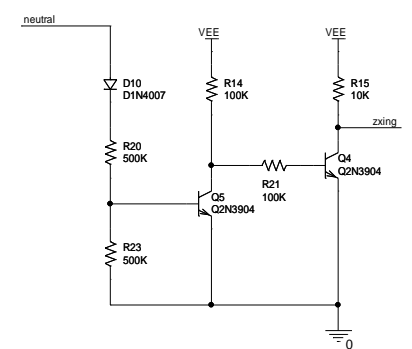
### VOLTAGE SENSOR



### VOLTAGE REFERENCE



### ZERO CROSSING DETECTOR



Title		
Prototype VII - Power		
Size	Document Number	Rev
A3	109	A
Date:	Tuesday, June 15, 2010	Sheet 1 of 1