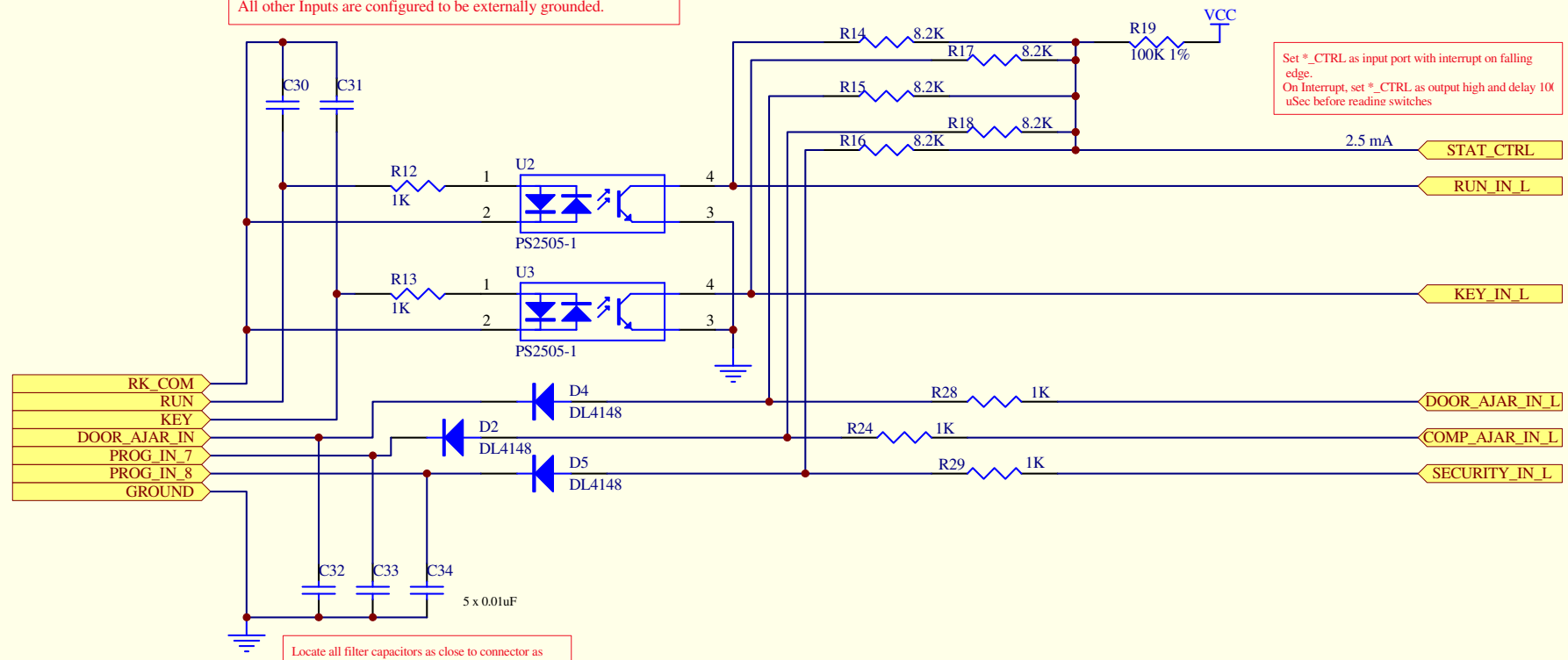




RK\_Com can be wired to ground for voltage application to Run and Key, or  
 RK\_Com can be wired to hot for grounding application to Run and Key  
 All other Inputs are configured to be externally grounded.

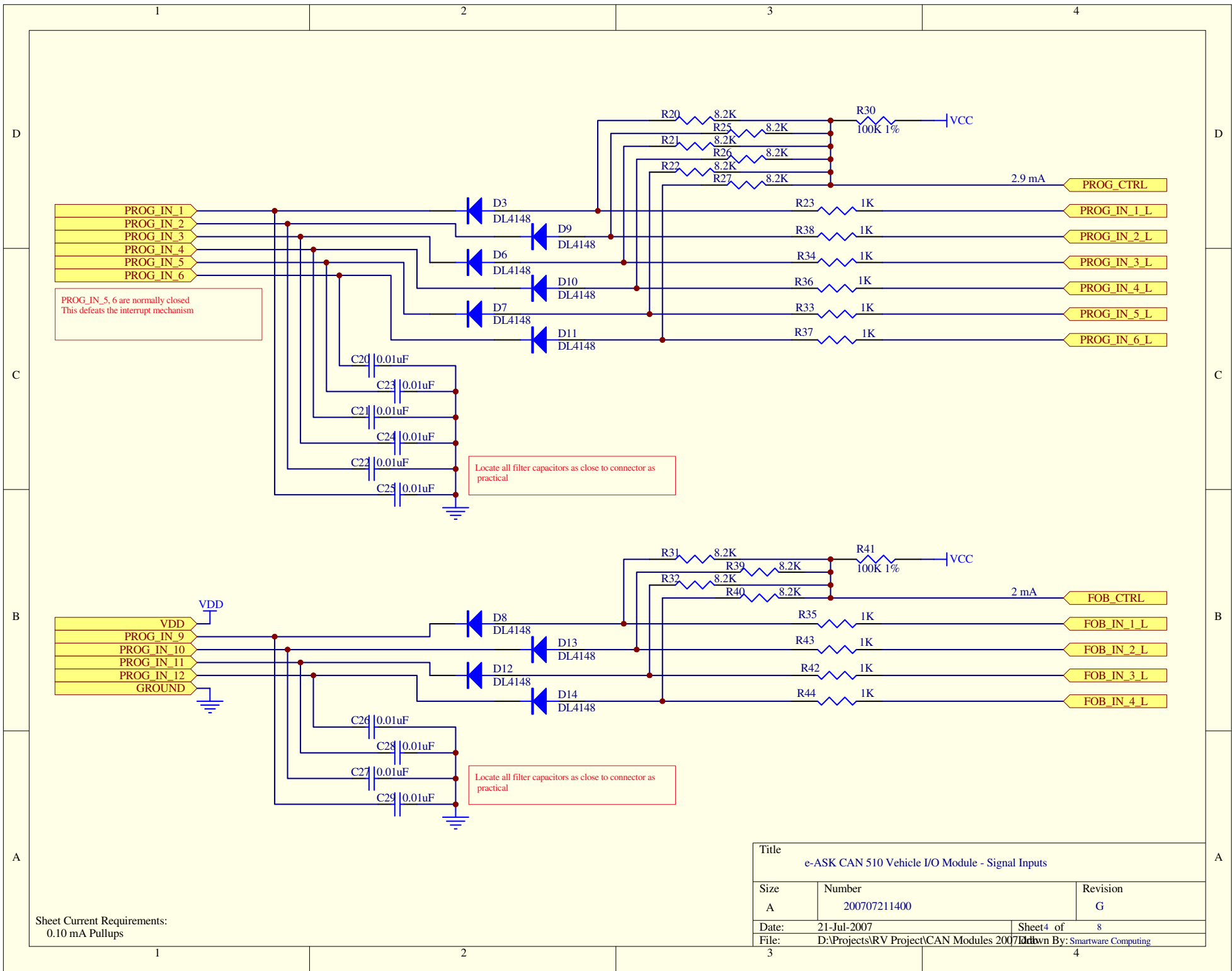
Set \*\_CTRL as input port with interrupt on falling edge.  
 On Interrupt, set \*\_CTRL as output high and delay 100 uSec before reading switches

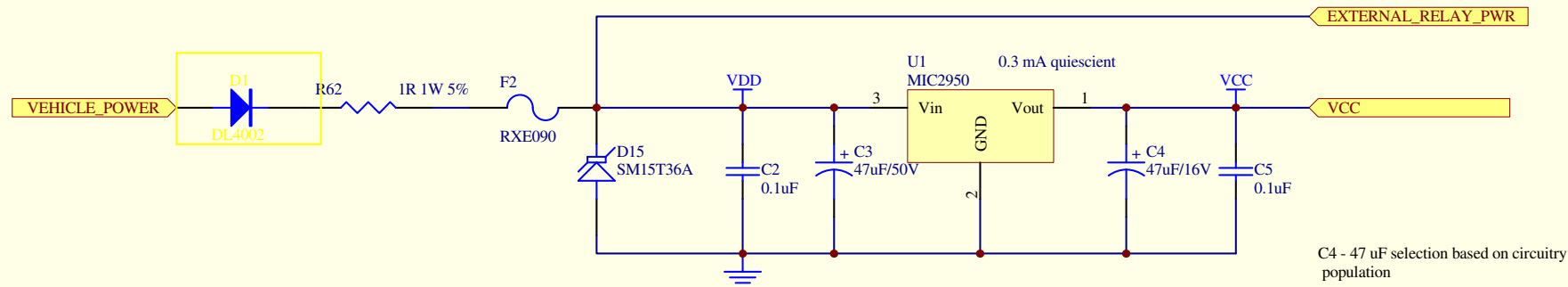
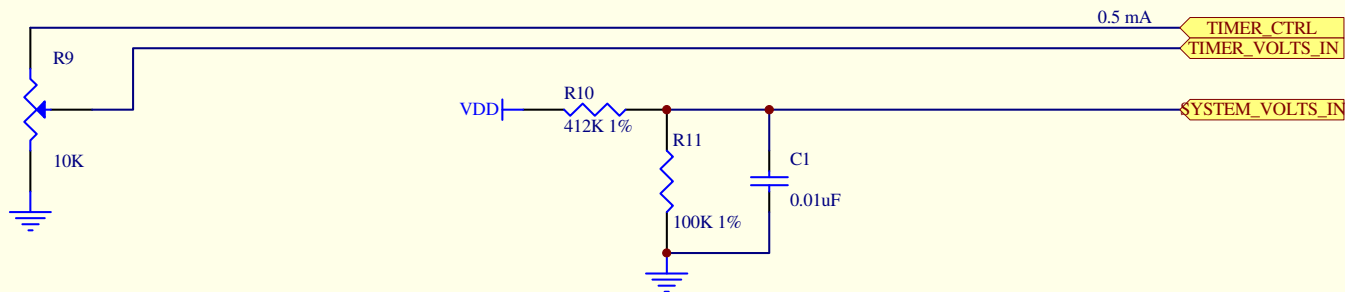
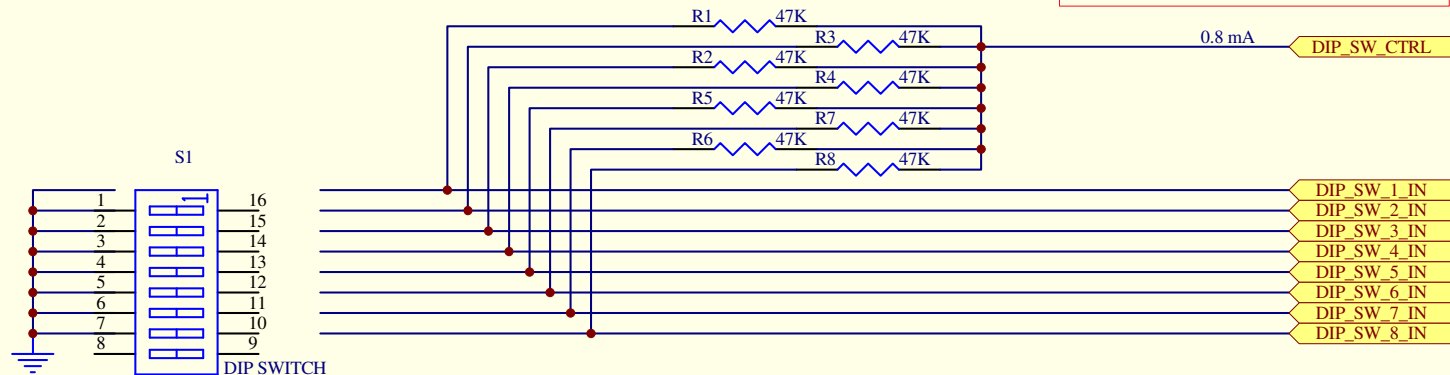
Locate all filter capacitors as close to connector as practical



Sheet Current Requirements:  
 0.05 mA Pullups

Title e-ASK CAN 510 Vehicle I/O Module - Key Inputs		
Size A	Number 200707211400	Revision G
Date: 21-Jul-2007	Sheet 3 of 8	
File:	D:\Projects\RV Project\CAN Modules 200707211400	
	Drawn By: Smartware Computing	

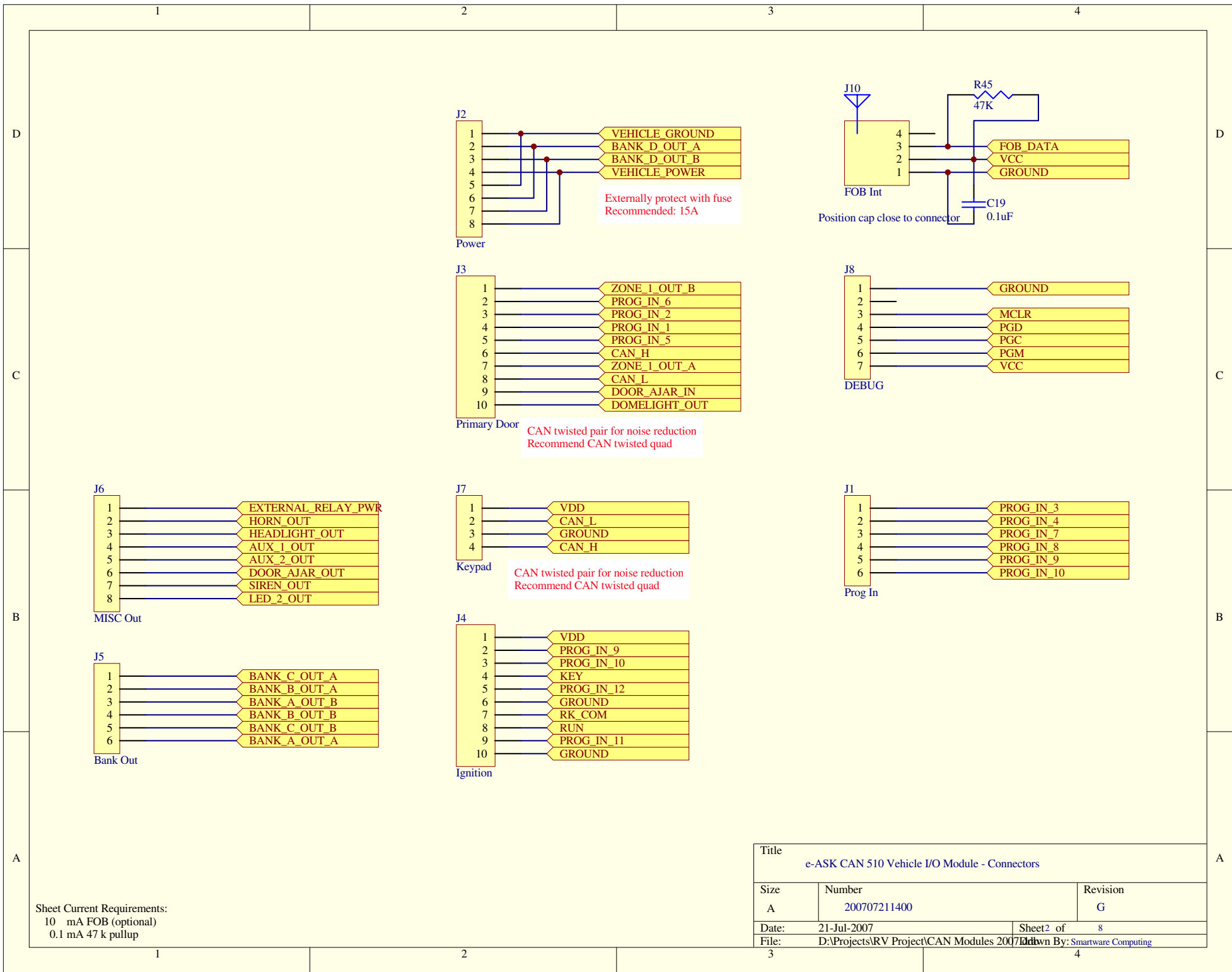




C4 - 47 uF selection based on circuitry population

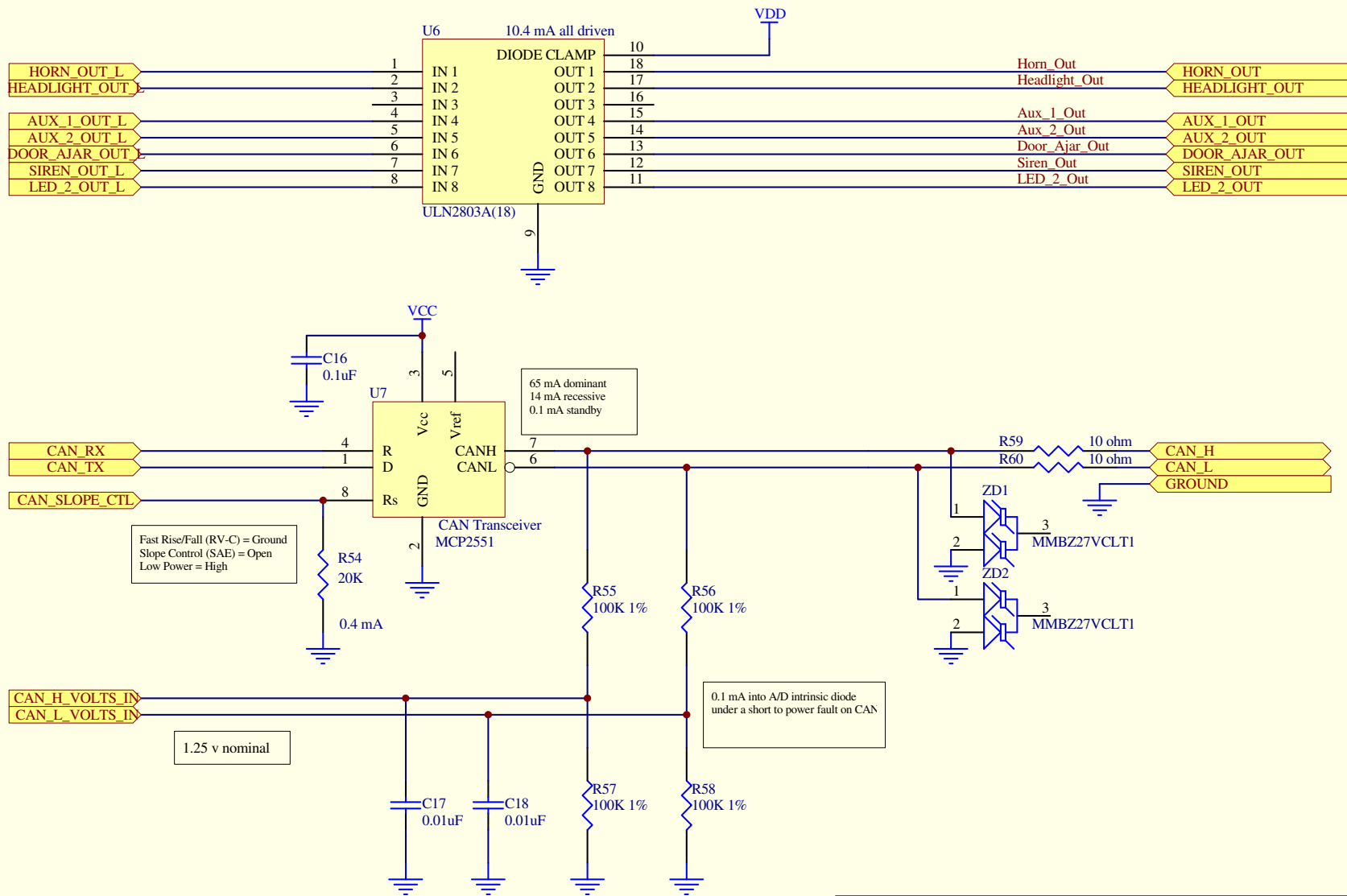
Sheet Current Requirements:  
0.8 mA DIP Switch (during read)  
0.5 mA Timer Control (during read)  
0.3 mA Voltage Regulator (quiescent)  
0.02 mA System Voltage sense  
1.62 mA Total

Title e-ASK CAN 510 Vehicle I/O Module - Power + Config		
Size A	Number 200707211400	Revision G
Date: 21-Jul-2007	Sheet 6 of 8	
File: D:\Projects\RV Project\CAN Modules 200707211400	Drawn By: Smartware Computing	



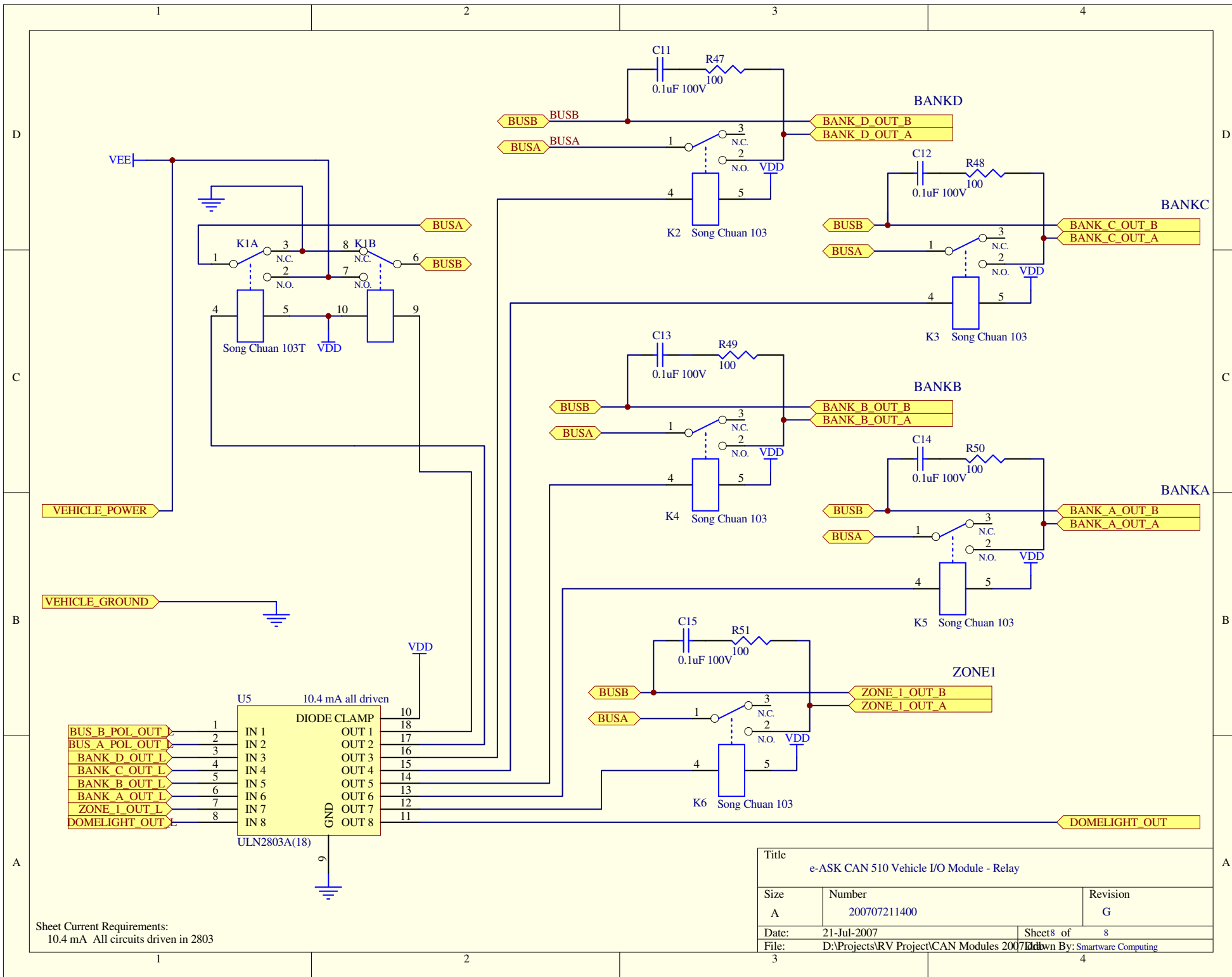
Sheet Current Requirements:  
10 mA FOB (optional)  
0.1 mA 47 k pullup





Sheet Current Requirements:  
 8.8 mA All circuits driven in 2803  
 65 mA CAN Transceiver  
 0.4 mA Slope control  
 0.1 mA A/D on CAN  
 74 mA Total

Title		
e-ASK CAN 510 Vehicle I/O Module - Aux + Network		
Size	Number	Revision
A	20070721 1400	G
Date:	21-Jul-2007	Sheet 5 of 8
File:	D:\Projects\RV Project\CAN Modules 20070721 1400	
	Drawn By: Smartware Computing	



Sheet Current Requirements:  
10.4 mA All circuits driven in 2803

Title		
e-ASK CAN 510 Vehicle I/O Module - Relay		
Size	Number	Revision
A	200707211400	G
Date:	21-Jul-2007	Sheet 8 of 8
File: D:\Projects\RV Project\CAN Modules 200707211400		
Drawn By: Smartware Computing		