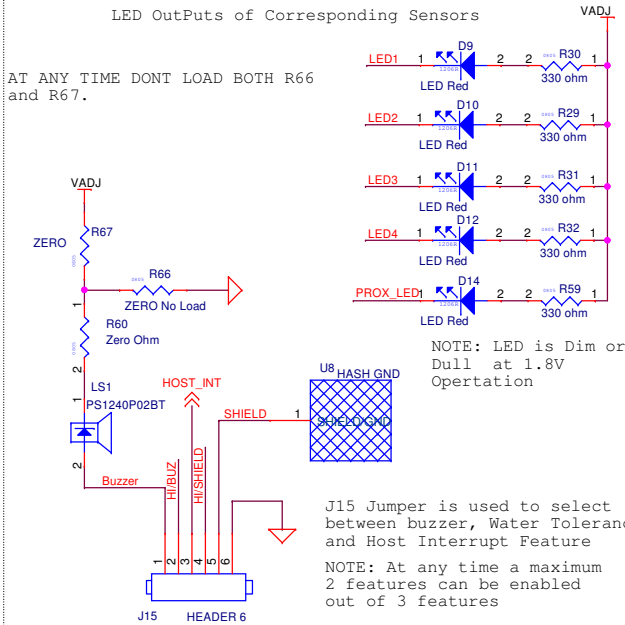


PCA: 121-60135-01  
 PCB: 600-60172-01  
 PAB DRW: 610-60165-01  
 ASSY DRW: 620-60171-01

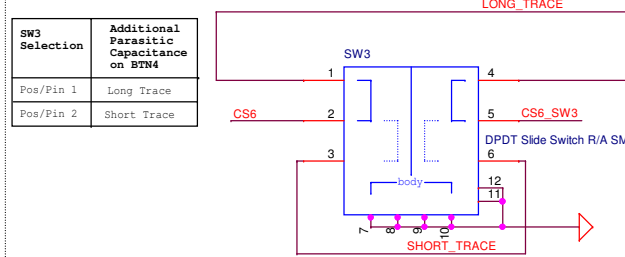
CYPRESS SEMICONDUCTOR © 2014		
Title: CY3280_MBR3_EVK: Block Diagram		
Size: A3	Document Number: 630-60168-01	Rev: 04
Date: Friday, February 28, 2014	Sheet: 1	of 3



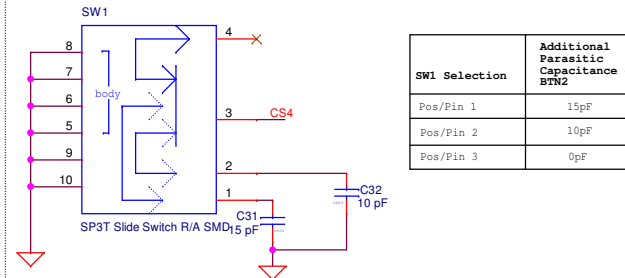


Setting	J15 Jumper Connection	Enabled Features (2 features at a time)
A	Connect J15-1 to J15-2, J15-3 to J15-4 and J15-5 to J15-6 using 3 shunts	Buzzer Enabled, Host Interrupt Enabled and Water Tolerance is Disabled.
B	Connect J15-2 and J15-3, J15-4 to J15-5 using 2 shunts	Buzzer Disabled, Host Interrupt Enabled and Water Tolerance is Enabled
C	By Default connect J15-1 and J15-2, J15-4 to J15-5 using 2 shunts	Buzzer Enabled, Host Interrupt Disabled and Water Tolerance is Enabled

#### Long Trace/Short Trace selection for CapSense Button4 (BTN4)



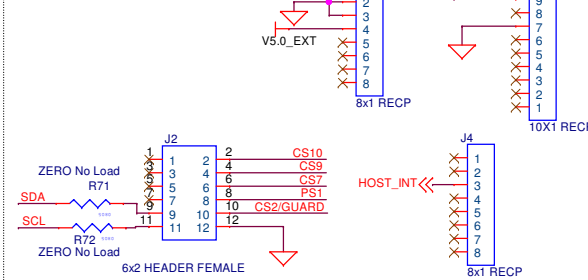
#### Parasitic Capacitance on Button2 (BTN2)



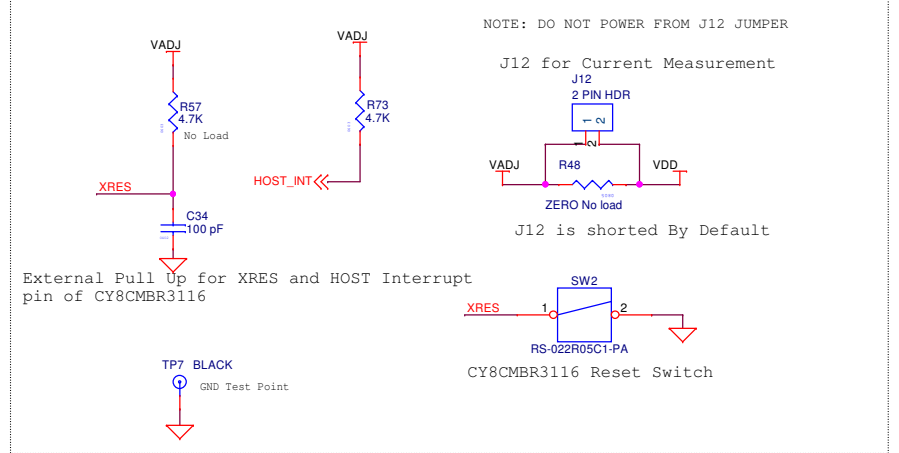
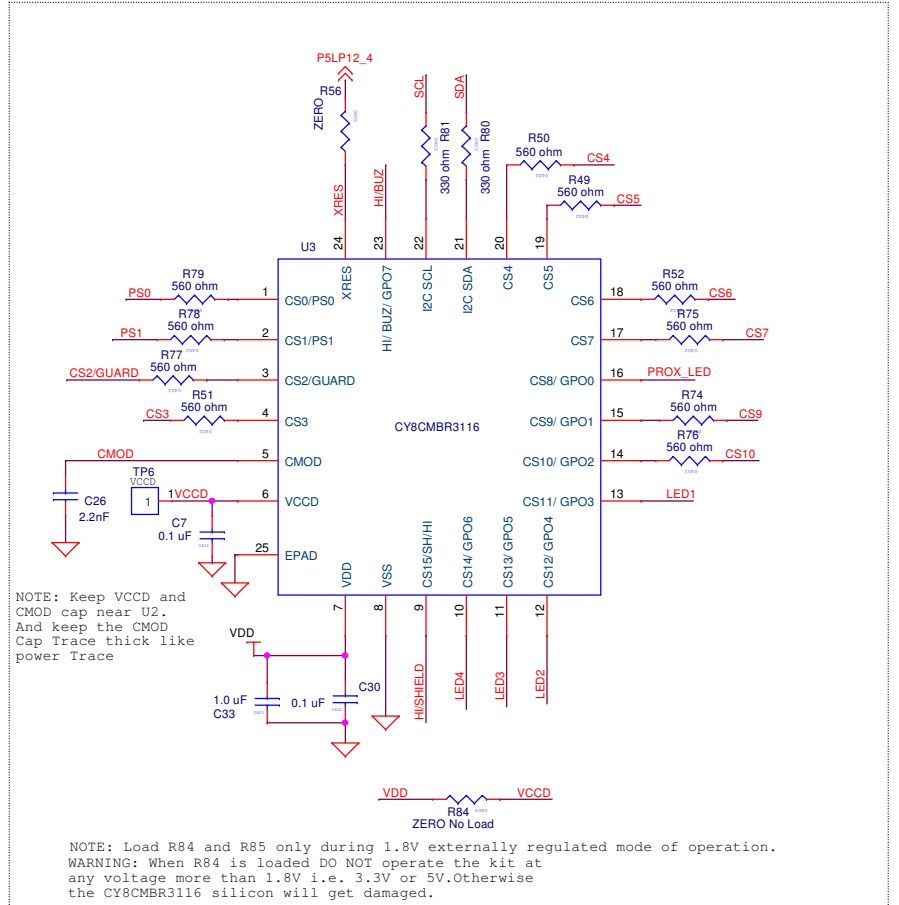
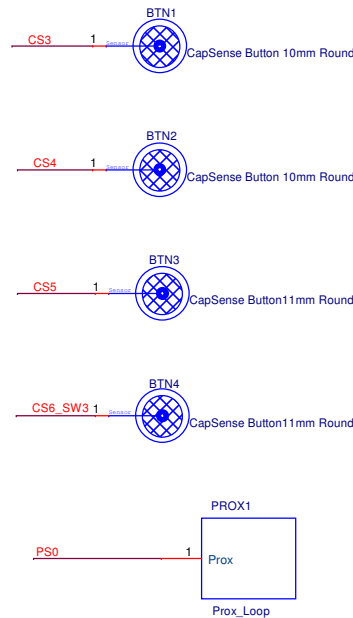
#### NOTE: J13 and J14 JUMPER CONFIGURATION

Short J13-1 to J13-2 and J14-1 to J14-2 for using Onboard I2C-USB Bridge

Short J13-2 to J13-3 and J14-2 to J14-3 for connecting the CY8CMBR3116's I2C lines to Arduino header J3 pins 9 and 10.



#### Sensors



PCA: 121-60135-01  
PCB: 600-60172-01  
FAB DRW: 610-60165-01  
ASSY DRW: 620-60171-01

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Size A3	Document Number 630-60168-01	Rev 04
Date Friday, February 28, 2014	Sheet 3	of 3