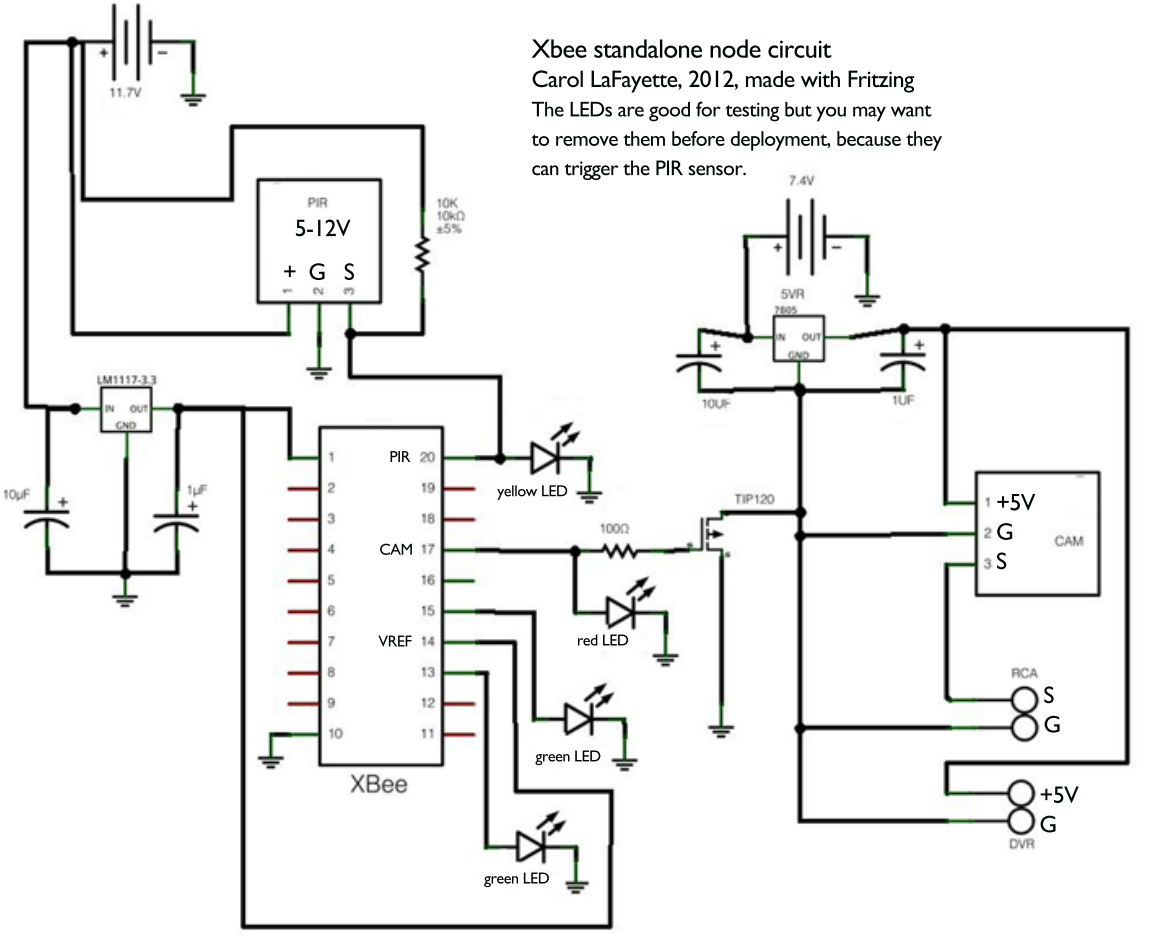
Xbee standalone node circuit
Carol LaFayette, 2012, made with Fritzing
The LEDs are good for testing but you may want to remove them before deployment, because they can trigger the PIR sensor.
11.7V
PIR
5-12V
+ G S
10K
10kΩ
±5%
LM1117-3.3
IN OUT
GND
10µF
1µF
PIR
CAM
VREF
XBee
yellow LED
100Ω
red LED
green LED
green LED
TIP120
7.4V
5VR
7805
10UF
1UF
+5V
G
S
CAM
RCA
S
G
+5V
G
DVR