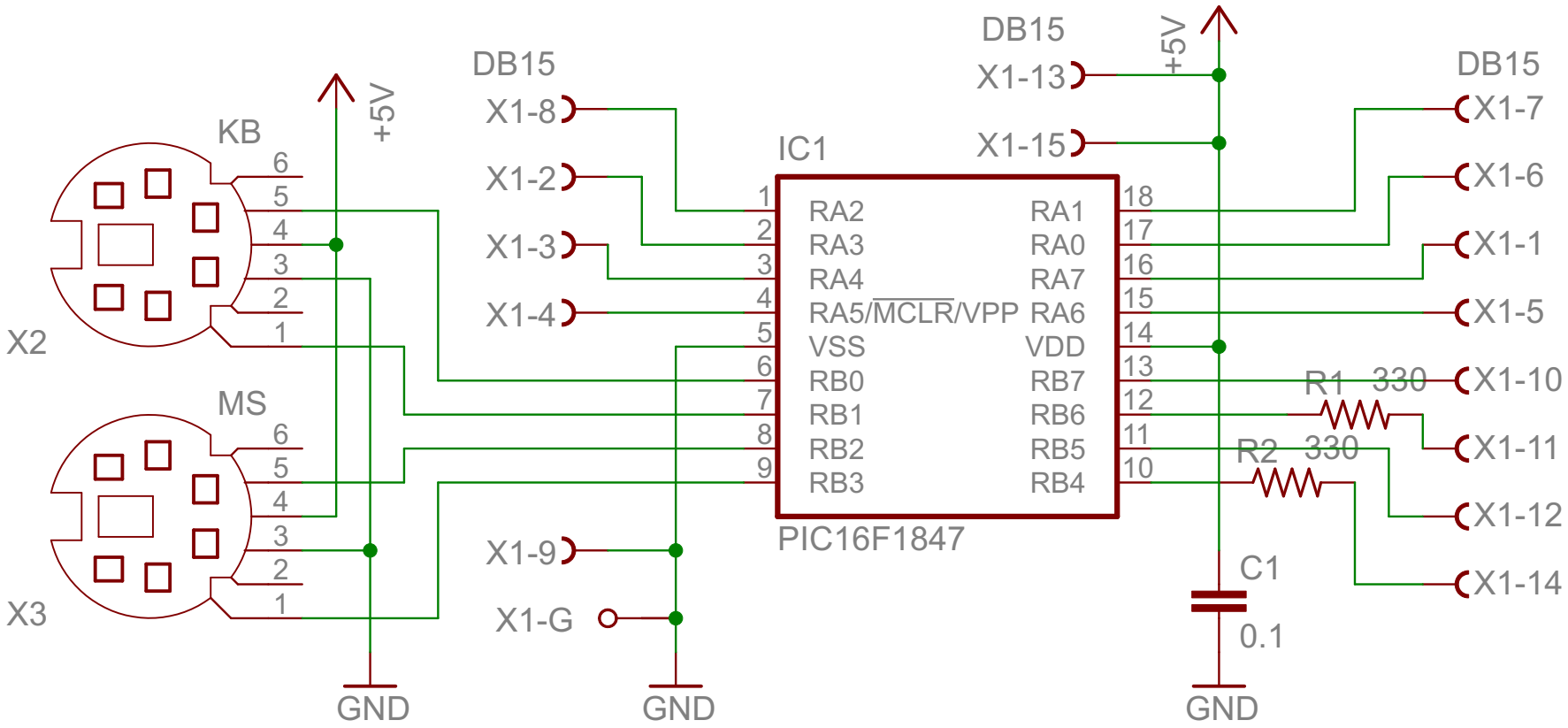

KB
X2
MS
X3
+5V
GND
DB15
X1-8
X1-2
X1-3
X1-4
X1-9
X1-G
IC1
RA2
RA3
RA4
RA5/MCLR/VPP
VSS
RB0
RB1
RB2
RB3
RA1
RA0
RA7
RA6
VDD
RB7
RB6
RB5
RB4
PIC16F1847
DB15
X1-13
X1-15
+5V
GND
C1
0.1
DB15
X1-7
X1-6
X1-1
X1-5
X1-10
X1-11
X1-12
X1-14
R1 330
R2 330