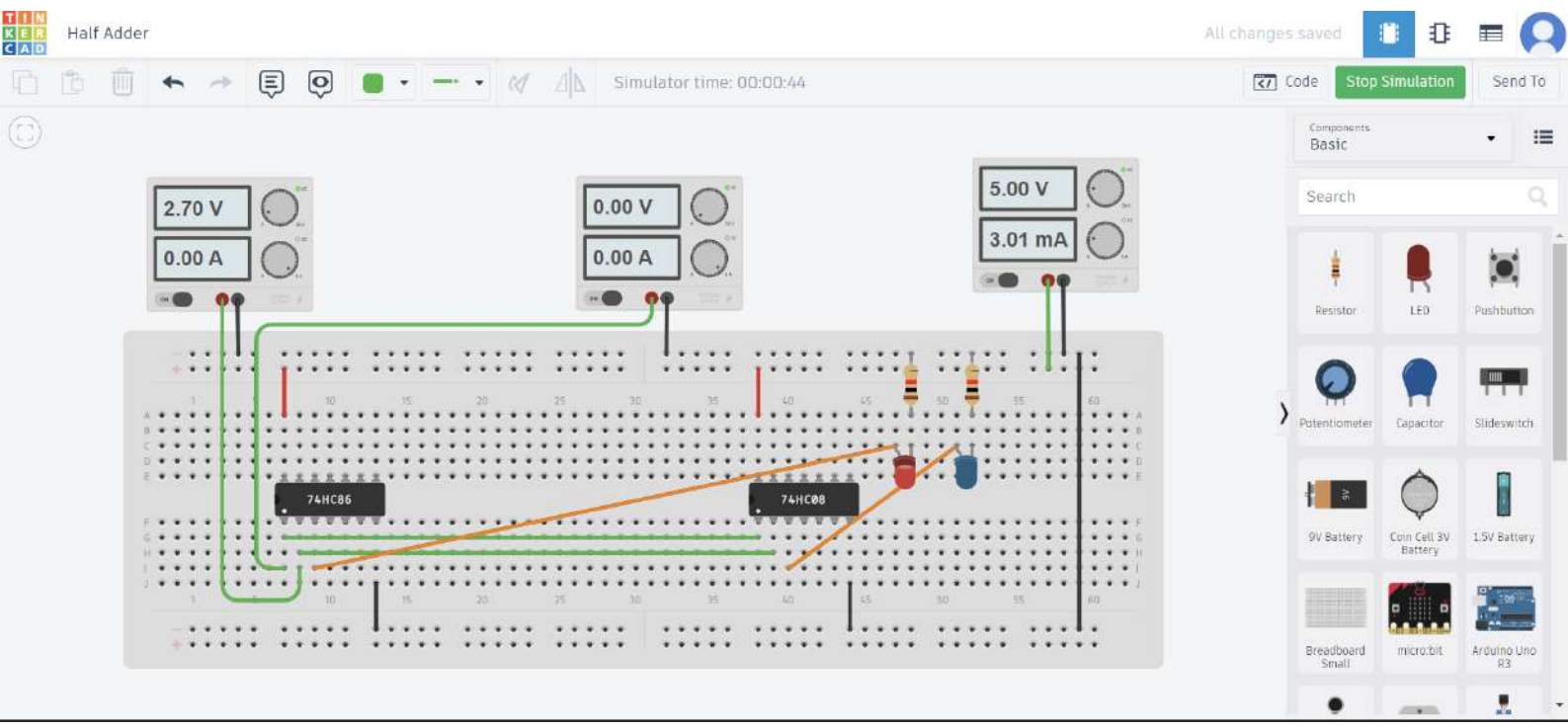
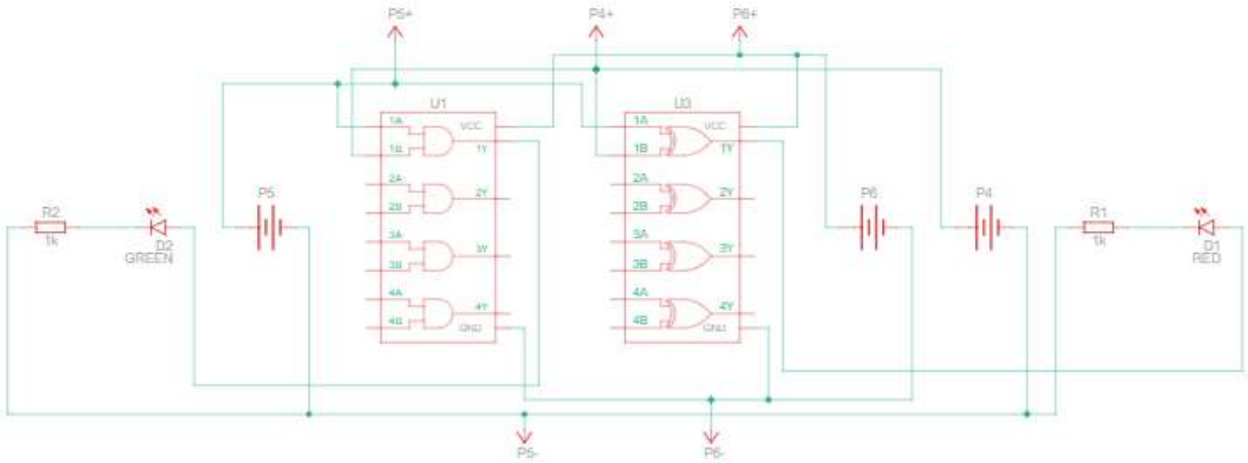
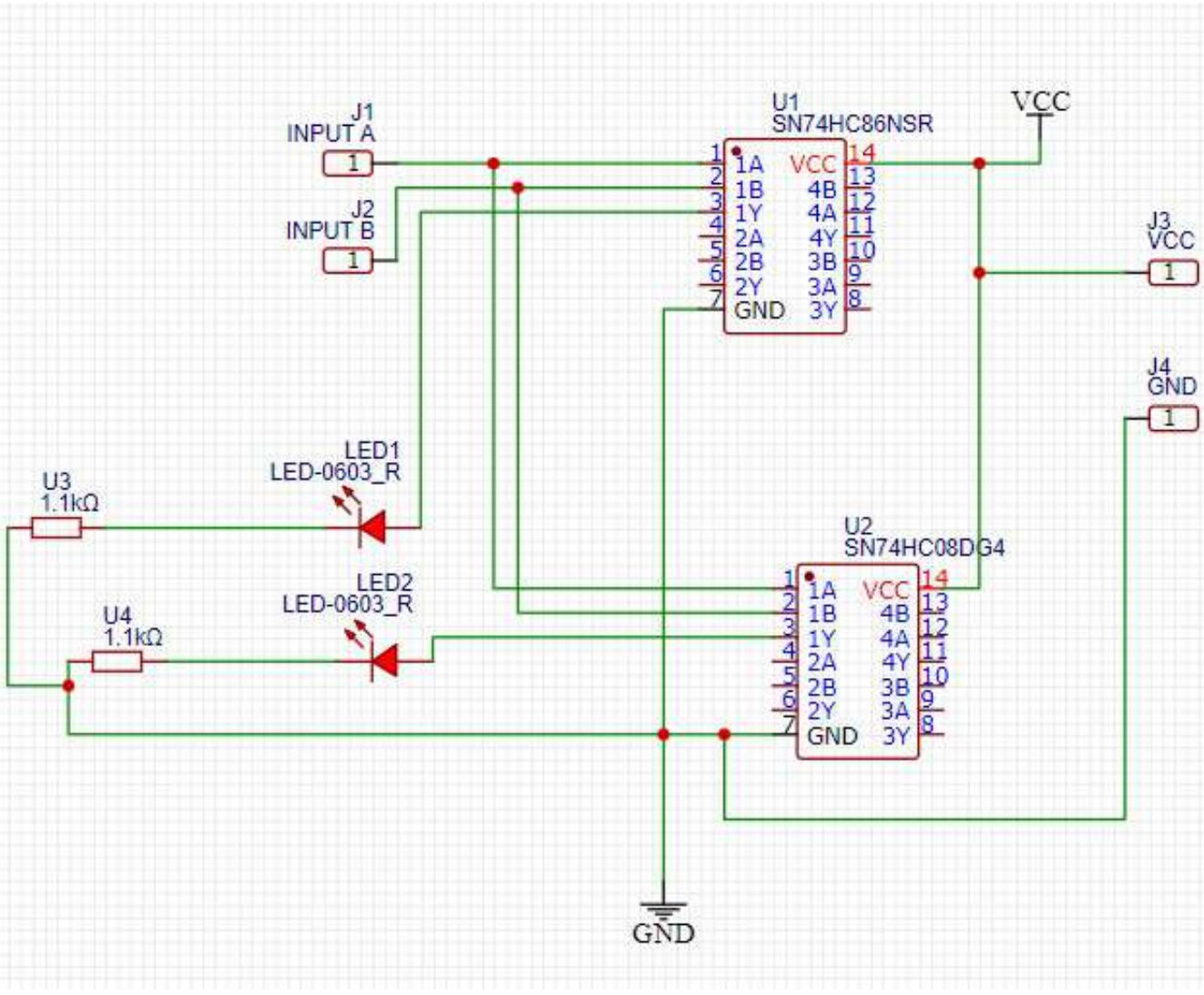

Half Adder
All changes saved
Simulator time: 00:00:44
Code
Stop Simulation
Send To
2.70 V
0.00 A
0.00 V
0.00 A
5.00 V
3.01 mA
74HC86
74HC08
Components
Basic
Search
Resistor
LED
Pushbutton
Potentiometer
Capacitor
Slideswitch
9V Battery
Coin Cell 3V Battery
1.5V Battery
Breadboard Small
micro:bit
Arduino Uno R3

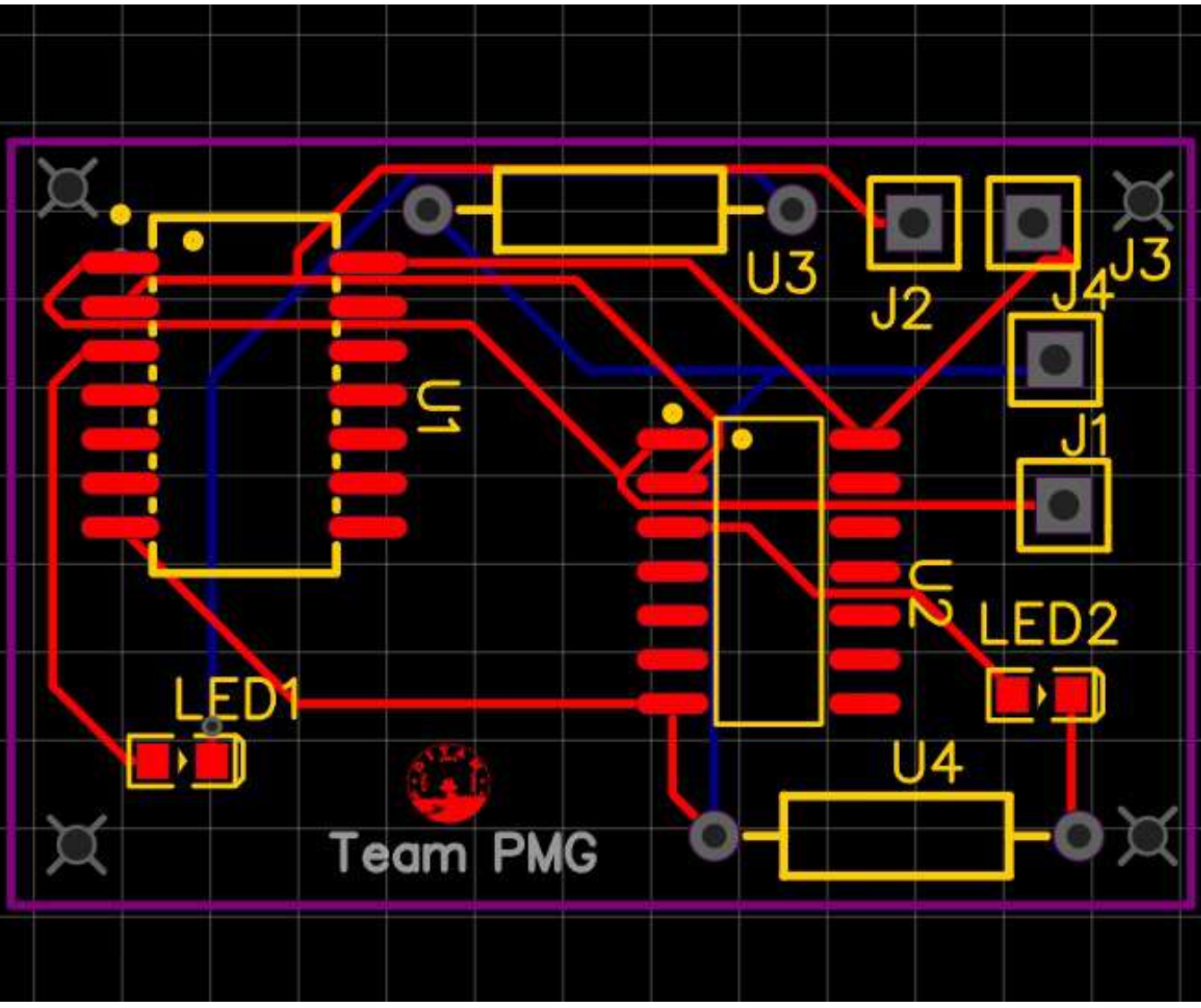


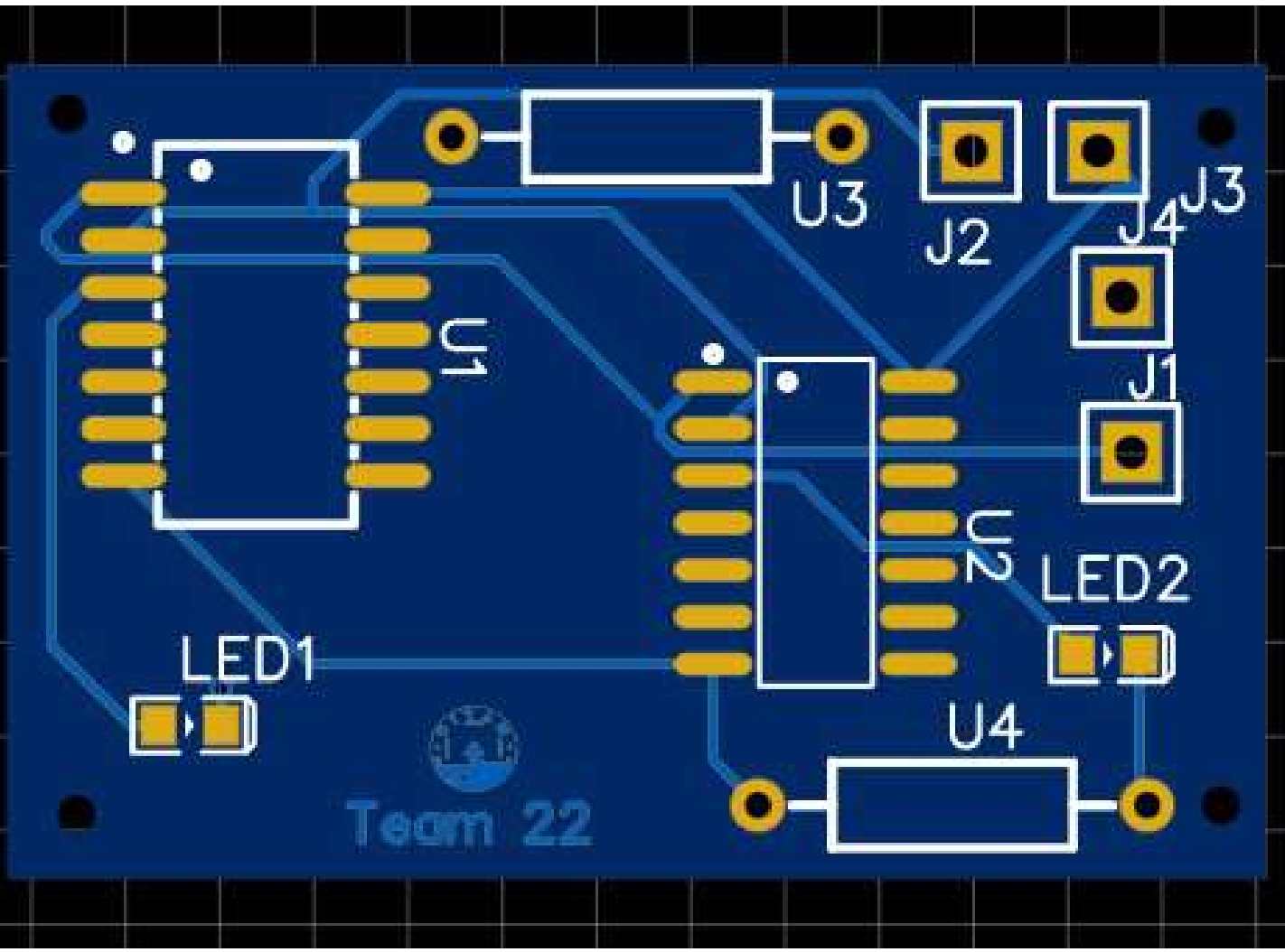
Made with Tinkercad®

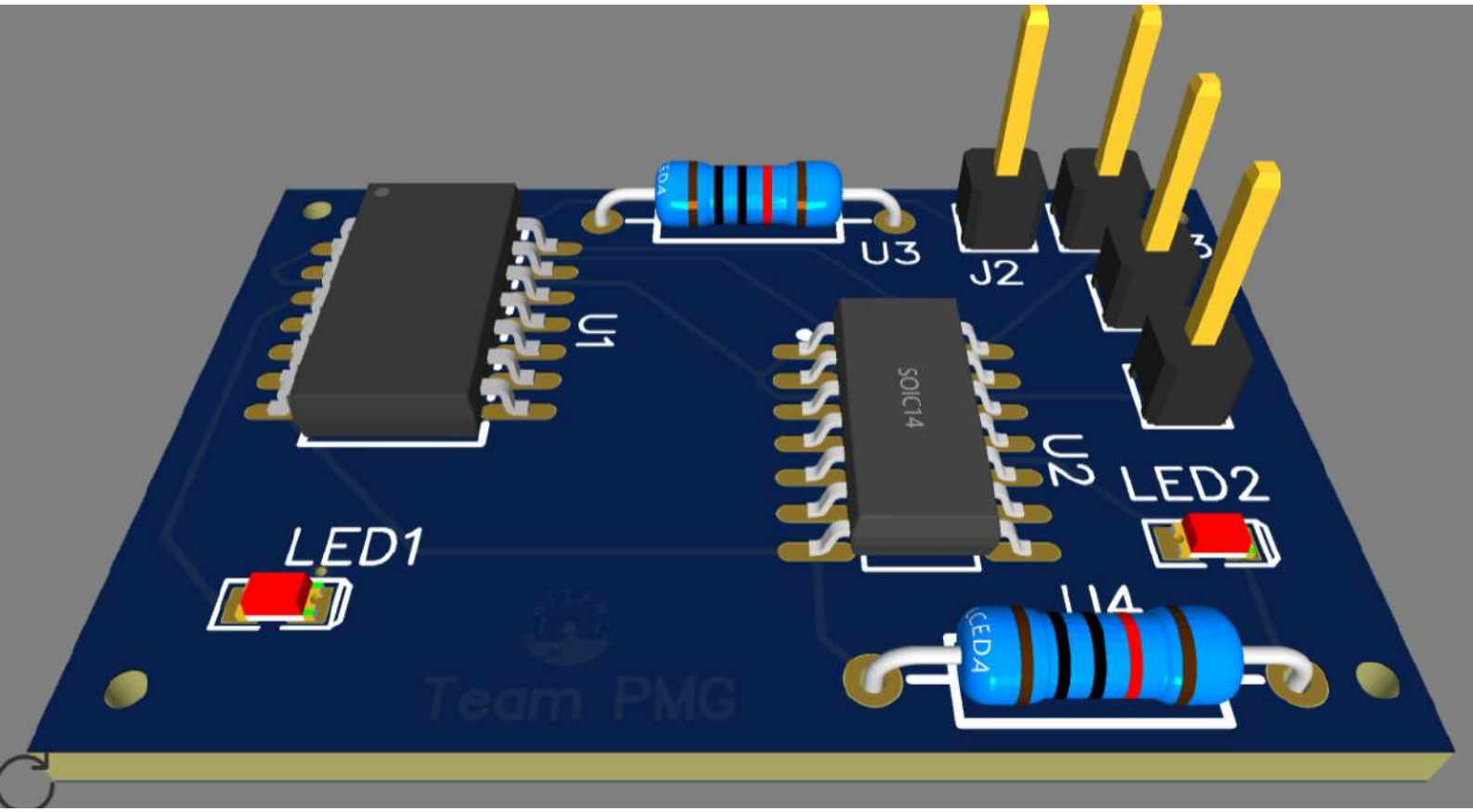
Title:	Magnificent Stantia
Date:	29/05/2024, 21:17:51
Sheet:	1/1

Name	Quantity	Component
D1	1	Red LED
D2	1	Blue LED
R1 R2	2	1 kΩ Resistor
P4 P5	2	5 , 5 Power Supply
P6	1	5 , 1 Power Supply
U1	1	Quad AND gate
U3	1	Quad XOR gate


J1
INPUT A
1
J2
INPUT B
1
U1
SN74HC86NSR
1A
1B
1Y
2A
2B
2Y
GND
VCC
4B
4A
4Y
3B
3A
3Y
VCC
J3
VCC
1
J4
GND
1
U3
1.1kΩ
LED1
LED-0603_R
U4
1.1kΩ
LED2
LED-0603_R
U2
SN74HC08DG4
GND


U3
J2
J4
J3
J1
U1
U2
LED2
LED1
U4
Team PMG


U3
J2
J4
J3
J1
U1
U2
LED2
LED1
U4
Team 22


U3
J2
U1
SOIC14
U2
LED2
LED1
U4
Team PMG