

BNO085 #1	
Label	Pin #
Vin	3.3V Line
GND	Ground Line
SCL	13
SDA	12
INT	2
BT	n/a
P0	3.3V Line
P1	3.3V Line
RST	23
DI	11
CS	10
3Vo	n/a

BMP388	
Label	Pin #
Vin	3.3V Line
3Vo	n/a
GND	Ground Line
SCK	13
SDO	12
SDI	11
CS	6

Radio RFM95W	
Label	Pin #
Vin	3.3V Line
GND	Ground Line
EN	3.3V Line
GO	4
SCK	13
MISO	12
MOSI	11
CS	7
RST	19

MOSFET	
Label	Pin #
Gate	16
Drain	E-match (neg)
Source	Ground Line

BNO085 #2	
Label	Pin #
Vin	3.3V Line
GND	Ground Line
SCL	13
SDA	12
INT	3
BT	n/a
P0	3.3V Line
P1	3.3V Line
RST	23
DI	11
CS	9
3Vo	n/a

SD Card Module	
Label	Pin #
GND	Ground line
VCC	3.3V Line
MISO	12
MOSI	11
SCK	13
CS	5

FRAM Module	
Label	Pin #
Vin	3.3V Line
3V3	n/a
GND	Ground line
SCK	13
MISO	12
MOSI	11
CS	8
!WP	n/a
!Hold	3.3V Line

E-match	
Label	Pin #
Positive	7.4V Line
Negative	MOSFET drain

5V Step Down Reg	
Label	Pin #
Vin	7.4V Line
GND	Ground Line
Vout	5V Line

3.3V Step Down Reg	
Label	Pin #
Vin	7.4V Line
GND	Ground Line
Vout	3.3V Line
EN	17

Servo #2	
Label	Pin #
Vin	5V Line
GND	Ground Line
Control	1

Servo #1	
Label	Pin #
Vin	5V Line
GND	Ground Line
Control	0

RGB LED	
Label	Pin #
GND	Ground Line
R	18
G	15
B	14

Buzzer	
Label	Pin #
Positive	20
Negative	Ground Line