

# Arduino Car Park

## Modules Required for project:

LCD 16x2 - I2C
4x4 Keypad
Buzzer
Arduino UNO (or similar boards)

## Setup:

*Connect the following pins on the part to the corresponding pin on the arduino UNO - if you decide to edit this remember to also change the pin in the actual arduino code provided (Arduino Car Park Code.ino)*

LCD Module	Arduino UNO
GND	GND
VDD - VCC	5V
SDA	(Analog) A4
SCL	(Analog) A5

4x4 Keypad - Refer to image on pg	Arduino UNO
R1	(Digital) 6
R2	(Digital) 7
R3	(Digital) 8
R4	(Digital) 9
C1	(Analog) A0
C2	(Analog) A1
C3	(Analog) A2
C4	(Analog) A3

<b>Buzzer</b>	<b>Arduino UNO</b>
Pin 1	GND
Pin 2	(Digital) 10

// If initially does not work try switching the pins

