



11		PIR Sensor		555-28027		3
10		Ultrasonic Sensor		SN-HC-SR04 Sensor		4
9		Speaker				2
8		MP3 Modules				1
7		Led Strips	12V 3A	Waterproof cuttable 300 SMD 2835 LED Tape		8
6		12V 8 Channel Relay		8 channel 12V		2
5		Arduino Microcontroller		Mega 2560 Rev 3		1
4		Buck Converter		8A DC-DC Adjustable Step-Down Buck Converter		1
3		12V Battery	12V 70Ah			1
2		Charge Controller		40A-100A MPPT Solar Panel Regulator Charge Controller 12V/24V Auto Focus Tracking Device		1
1		Solar PV	200W	SM200-72M		2
ITEM	Vendor	DESCRIPTION	CAPACITY	MODEL/MAKE		QTY REMARKS
EQUIPMENT LIST						
I1	05/02/2021	ISSUED FOR INTERNAL CHECK				
REV.	DATE	DESCRIPTION			BY	CHECKED APPROVED
OWNER:  NGEEN ANN POLYTECHNIC				Team:  Waterways watch Society		
TITLE:				CP - 07		
Arduio Circuit Diagram						
PROJECT: Final Year Project				SHEET NO.:		1 OF 1
DRAWING NO.: I1				SIZE: A3		REVISION: O1