



PARTS LIST

C1	1uF (OPTIONAL)
D1	IR-LED
D2	LED
D3	ZENER (OPTIONAL)
IC1	ATTINY85-P
Q1	NPN
R1	1K
R2	470
R3	470
SW1	SPST

Most component values are not critical, with the primary concern being to not pull too much current from the Attiny85. The IR-LED can be set up to be either D1 or D2 in the firmware. The choice should be made according to the amount of power required to transmit the desired distance. The zener diode is a safety measure and can be omitted. Likewise the capacitor can be omitted. A 2N3904 is a good choice for Q1. The non-IR LED is a simple indication LED.

File: kiosk-schematic.sch	
Sheet: /	
Title:	
Size: A4	Date: 23 may 2015
KiCad E.D.A.	Rev: Id: 1/1