

List of Components							
Sr. No	Component	Type	Component Number	Vendor	Quantity	Price	Comments
Timer 555 Circuit for Automatic Sanitizer Dispenser							
1	Timer 555	SMD	NE555DR		1		
2	Transistor	SMD	MMBT2222A		1		NPN
3	Diode	SMD	2N4007		1		
4	5 Pin Connector	SMD			1		Female
5	Voltage Regulator	SMD	L7805		1		5V
6	DC Jack	SMD	PJ-002AH-SMT-TR		1		
7	Capacitor	SMD	C0402C103K5RACTU		1		0.01uF Mica
8	Capacitor	SMD	C0603C104K5RAC3121		2		0.1uF Mica
9	Capacitor	SMD	EEE-FK1H100SR		1		10uF Electrolytic
10	Capacitor	SMD	EEE-FK1C101SR		1		100uF Electrolytic
11	Resistor	SMD	ERJ-8GEYJ102V		1		1K ohm 1/4W 5%
12	Resistor	SMD	9C12063A4701JLHFT		1		4.7K ohm 1/4W 5%
13	Resistor	SMD	ERJ-14YJ104U		2		100k ohm 1/4W 5%
14	Pot	External			1		10K ohm
11	Knob	External			1		For pot
IR sensor							
1	Op amp	SMD	LM393DT		1		LM393
2	LED	SMD	KR DELPS1.22-UHVI-26-H3Q4		2		Red LED
3	LED	Through Hole	IR emitter		1		Dome LED
4	LED	Through Hole	IR Receiver		1		Dome LED
5	Resistor	SMD	ERJ-14YJ101U		1		100 ohm 1/4 5%
6	Resistor	SMD	ERJ-8GEYJ102V		2		1K ohm 1/4W 5%
7	Resistor	SMD	ERJ-8GEYJ103V		2		10K ohm 1/4W 5%
8	Pot	Through Hole	3362P		1		10K ohm
9	Male Connector(3pin)	Through Hole			1		90 degree connector