



Cotton Candy Maker

#	Component	Designator	Model / Value	Comment	Quantity	Unit Price	Total Price
1	Diode	D1 to D 25	1N4007		25	99	2475
2	LHWR	P2, P3, P4, P5, P6, P7	2pin LHWR		6	130	780
3	Variable Resistor	VR1, VR2, VR3, VR4, VR5, VR6	10 K	VR+CAP	6	1600	9600
4	Full Bridge Driver	U3, U4, U5	L298N		3	25000	75000
5	Socket	T1, T2	PHONIX3		2	1680	3360
6	Bipolar Capacitor	C3, C4	Cap-Bipolar/100nf		2	15	30
7	Bipolar Capacitor	C5, C6	Cap-Bipolar/18pf		2	15	30
8	Polar Capacitor	C1, C2	Cap-Polar /10uf		2	208	416
9	Resistor	R3, R4	1/4 watt / 10K		2	39	78
10	Header Box	CON1	2x10		1	520	520
11	220/12 medule	M1	220-12 Medule		1	37600	37600
12	LWHR	P1	4pin LHWR		1	130	130
13	LWHR	P9	7pin LHWR		1	130	130
14	MCU	U2	ATmega16-16PI	Socket + MCU	1	25660	25660
15	Resistor	R1	1/4 watt / 330R		2	39	78
16	Regulator	U1	L7805CV		1	1800	1800
17	Header, 3-Pin	P10	Header 3		1	130	130
18	Header, 5-Pin	P8	Header 5		1	130	130
19	LED	LED1	LED /Red		1	130	130
20	LED	LED2	LED /Yellow		1	130	130
21	NPN Transistor	Q1	C945		1	79	79
22	Push Button Switch	S1	Switch PB		1	330	330
23	SPDT Relay	K1	Relay		1	3900	3900
24	XTAL Crystal	Y1	XTAL 8Mhz		1	780	780
25	PCB				1	12000	12000
26	Mechanisms				1	20000	20000
27	Motors				5	17000	85000
28	Heater				1	30000	30000
*The prices are estimated according to online shops in Tuman			Total Price			310296	

2-Feb - 2019 Ehsan Shaghoei

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