Part	Vendor	Quantity	Part Number	Description	Price	Extended
Alarm Speaker	DigiKey	1	102-1554-ND	SPEAKER 8OHM 100MW TOP PORT 89DB	$3.14	$3.14
Temperatre Sensor	DigiKey	1	1528-2090-ND	PLATINUM RTD SENSOR - PT100 - 3	$11.95	$11.95
Transformer	DigiKey	1	595-1180-ND	XFRMR LAMINATED 20VA THRU HOLE	$11.99	$11.99
Currernt Limiting Fuse	DigiKey	10	507-1849-1-ND	FUSE 2A 350V RADIAL	$0.32	$3.15
Clock Crystal	DigiKey	6	X1104-ND	CRYSTAL 16.000312MHZ 18PF T/H	$0.69	$4.14
Zero Sensing	DigiKey	3	MOC3051M-ND	OPTOISOLATOR 4.17KV TRIAC 6DIP	$1.07	$3.21
Zero Sensing Surface	DigiKey	3	MOC3051SR2MC	OPTOISOLATOR 4.17KV TRIAC 6SMD	$1.35	$4.05
Triac	DigiKey	5	1740-1028-ND	TRIAC SENS GATE 600V 8A TO220AB	$0.66	$3.30
Triac Surface	DigiKey	5	1740-1034-1-ND	TRIAC SENS GATE 600V 8A DPAK	$0.68	$3.40
Buck Chip	DigiKey	5	576-1045-ND	IC REG BUCK ADJ 3A TO220-5	$1.88	$9.40
Buck Chip Surface	DigiKey	2	576-1539-1-ND	IC REG BUCK ADJ 3A TO263-5	$1.96	$3.92
Opto Isolator	DigiKey	5	SFH620A-3-ND	OPTOISOLATOR 5.3KV TRANS 4-DIP	$0.92	$4.60
Op Amp	DigiKey	10	MCP6004-I/SL-ND	IC OPAMP GP 1MHZ RRO 14SOIC	$0.46	$4.60
Resistor	DigiKey	20	311-100HRCT-ND	RES SMD 100 OHM 1% 1/10W 0603	$0.02	$0.30
Terminal Connector	DigiKey	5	732-10955-ND	TERM BLOCK 2POS SIDE ENTRY 5MM	$0.38	$1.90
Slotted Terminal Connector	DigiKey	20	36-1040-ND	TERM TEST POINT SLOTTED .118"	$0.18	$3.60
Surface Mount Inductor	DigiKey	10	535-11587-1-ND	FIXED IND 10UH 3MA 2.55 OHM SMD	$0.10	$0.96
Capacitor	DigiKey	25	311-1088-1-ND	CAP CER 0.1UF 16V X7R 0603	$0.02	$0.53
Capacitor	DigiKey	10	1276-2096-1-ND	CAP CER 0.056UF 50V X7R 0603	$0.08	$0.79
Capacitor	DigiKey	10	490-6421-1-ND	CAP CER 0.56UF 10V X7R 0603	$0.15	$1.47
Diode Surface Mount	DigiKey	10	1655-1360-1-ND	DIODE GEN PURP 75V 250MA SOD123	$0.13	$1.25
Diode Through hole	DigiKey	10	SR306-TPMSCT-N	Diode Schottky 60V 3A Through Hole DO-201AD	$0.42	$4.20
Buck Chip surface mount	DigiKey	2	296-46303-1-ND	IC REG BUCK ADJ 2A SYNC 16HTSSOP	$4.30	$8.60
Inductor	DigiKey	2	732-7149-ND	FIXED IND 10UH 4.6A 23 MOHM TH	$1.87	$3.74
Schottky Diode Surface Mount	DigiKey	10	SK36A-LTPMSCT-	Diode Schottky 60V 3A Surface Mount DO-214AC (SMA)	$0.60	$6.00
Surface Mount Inductor	DigiKey	5	SRR1280-331K	FIXED IND 330UH 1.1A 600 MOHM	$1.06	$5.30
Power Resistor	DigiKey	2	SQP10AJB-9R1	RES 9.1 OHM 10W 5% AXIAL	$0.64	$1.28
Capacitor Through Hole	DigiKey	10	25YXJ220M6.3X1	CAP ALUM 220UF 20% 25V RADIAL	$0.19	$1.93
Potentiometer Surface Mount	DigiKey	10	TC33X-2-103E	TRIMMER 10K OHM 0.1W SMD	$0.12	$1.20
Potentiometer Through Hole	DigiKey	10	1-1623849-0	TRIMMER 10K OHM 0.5W TH	$0.27	$2.70
Ceramic Capacitors	DigiKey	20	MR045A682EAA	Various capacitors for buck converter	$0.03	$0.67
Atmel ATmega328p	DigiKey	1	ATMEGA328PB-A	Microcontroller	$1.38	$1.38
LCD Display	DigiKey	1	NHD-12232KZ-N	Information display	$12.50	$12.50
Solid State Relay	DigiKey	1	CLA233CT-ND	Test purposes only	$1.20	$1.20
Triac	DigiKey	1	F7290-ND	Hotplate controller component	$3.13	$3.13
Arduino Uno R3	In possession	1	\\\	Used to program microcontroller	$3.95	$3.95
Hot Plate	In possession	1	\\\	Main Part	$12.95	$12.95
Temperature Sensor	In possession	1	\\\	Temperature sensor	$4.99	$4.99
PCB Board	In possession	1	\\\	Implementing project	$1.20	$1.20
Keypad	In possession	1	\\\	User interface	$4.59	$4.59