

Item	Value	Ref Des	MPN	Description
10	1202015	N/A	1202015	RAW PWB
20	DF10S	B1	DF10S	Bridge Rectifiers 1.5A Bridge
30	8.90324E+11	C1	890324023015CS	CAP FILM 0.047UF 10% 275VAC RAD
40	0.1uF	C2, C10, C13	CC0603JPX7R9BB104	Multilayer Ceramic Capacitors MLCC - SMD/SMT 0.1uF 5% 50V High Capacitanc
50	0.33uF	C12	C0805C334K5RECTU	Multilayer Ceramic Capacitors MLCC - SMD/SMT 50V 0.33uF X7R 0805 10%
60	10uF	C3	C3216X7R1C106K160AC	Capacitors MLCC - SMD/SMT 1206 16V 10uF X7R 10% T: 1.6mm
70	.01uF	C4, C5	CC0603JRX7R8BB103	Multilayer Ceramic Capacitors MLCC - SMD/SMT 10nF 25V X7R 5%
80	220uF	C6	UWT1H221MNL1GS	Aluminum Electrolytic Capacitors - SMD 50volts 220uF 10x10 '20%
90	2200pF	C7	C0603C222J8RACTU	Multilayer Ceramic Capacitors MLCC - SMD/SMT 10V 2200pF 0603 X7R 5%
100	27pF	C8, C11	C0603C270J5GACAUTO7411	Multilayer Ceramic Capacitors MLCC - SMD/SMT 50V 27pF C0G 0603 5% AEC-Q20C
110	100uF	C9	TAJB107M010RNJ	Tantalum Capacitors - Solid SMD 10volts 100uF 20%
120	PTVS7V0S1UR	D1	PTVS7V0S1UR,115	ESD Suppressors / TVS Diodes TVS DIODE PROTECT Diode
130	37006300410	F1	37006300410	Fuses with Leads (Through Hole) 250V IEC SL .630A TR5
140	BA07CC0T	IC1	BA07CC0T	LDO Voltage Regulators IC LDO 1A 7V
150	1935174	J1	1935174	Fixed Terminal Blocks PT 1.5/3-5.0-H
160	RFB0807-470L	L1	RFB0807-470L	Fixed Inductors RFB0807 AEC-Q200 100kHz 0.19mOhms
170	RFB0807-220L	L2	RFB0807-220L	Fixed Inductors RFB0807 AEC-Q200 100kHz 0.1mOhms
180	150120BS75000	DEBUG	150120BS75000	Standard LEDs - SMD WL-SMCW SMDMono TpVw Waterclr 1206 Blue
190	BC547B	Q1	BC547BTA	Bipolar Transistors - BJT NPN 45V 100mA HFE/450
200	2N7002	Q2	2N7002L	MOSFET FET 60V 7.5 MOHM SOT23
210	DNP	R1	DNP	DNP
220	10K	R11, R15, R17, R19, R20	CRCW060310K0FKEA	Thick Film Resistors - SMD 1/10watt 10Kohms 1%
230	1K	R12	CRGP0603F1K0	Thick Film Resistors - SMD CRGP 0603 1K0 1% SMD Resistor
240	DNP	R13	DNP	DNP
250	4.7K	R14	ERJ-3EKF4701V	Thick Film Resistors - SMD 0603 4.7Kohms 1% AEC-Q200
260	2.2M	R16	CRCW06032M20FKEA	Thick Film Resistors - SMD 1/10watt 2.2Mohms 1%
270	DNP	R18	DNP	DNP
280	1M	R2	ERJ-P06F1004V	Thick Film Resistors - SMD 0805 1.0Mohms 0.5W 1% Tol AEC-Q200
290	180	R21	CRGP0603F180R	Thick Film Resistors - SMD CRGP 0603 180R 1% SMD Resistor
300	100	R3	ESR03EZPF1000	Thick Film Resistors - SMD 0603 100ohm 1% Anti Surge AEC-Q200
310	0	R4, R5, R7, R10	JR2512X100E	Thick Film Resistors - SMD 100 AMP JUMPER
320	220K	R6	ERJ-P06F2203V	Thick Film Resistors - SMD 0805 220Kohms 0.5W 1% AEC-Q200
330	150K	R8	CRCW0603150KFKEAC	Thick Film Resistors - SMD 1/10Watt 150Kohms 1% Commercial Use
340	33K	R9	SFR03EZPF3302	Thick Film Resistors - SMD 0603 33Kohms 1% Anti-Sulfur AEC-Q200
350	78250JC	T1	78250JC	Power Transformers 2mH 0.6uH 48pF 1:1 turns 6Pin SMT
360	FS16-150-C2	T2	FS16-150-C2	Power Transformers POWER XFMR 16 Vct @ 150 mA UL/cUL
370	V250LA4P	U1	V250LA4P	Varistors 250V pF
380	H11AA1-X007T	U2	H11AA1-X007T	Transistor Output Optocouplers Phototransistor Out AC-In Single CTR 20%
390	TDA5051A	U3	TDA5051AT/C1,518	IC HOME AUTOMATION MODEM 16SOIC
400	NA	U4	SSQ-108-04-G-S, SSQ-106-04-G-S, SSQ-110-04-G-S	Shield stacking headers for Arduino (R3 Compatible)
410	CRYSTALHC49U-	X1	HC49US-8.000MABJ-UB	Crystals 8MHz 18pF HC49S THROUGH HOLE