

Qty	References	Desc.	Manufacturer	MPN
22	C3-C24	Capacitor MLCC 100nF+/-10% 50V X7R 0805	Samsung	CL21B104KBCNNWC
2	C1-C2	Capacitor MLCC 10uF+/-10% 25V X5R 0805	Samsung	CL21A106KAYNNNF
16	D3-D18	LED Yellow 0805	Würth Elektronik	150080YS75000
1	D2	LED Green 0805	Würth Elektronik	150080GS75000
1	D1	Schottky Diode 60V SMA (DO-214AC)	Vishay	SS26SHE3_B/H
1	D20	LED Blue 0805	Würth Elektronik	150080BS75000
12	J10 JP1-JP11	Header vertical 2 Pos 2.54mm	Sullins Connector Solutions	PREC002SAAN-RC
1	J3	Screws & Fasteners SCREW TERM W/SEMS	Keystone	7691-SEMS
1	J2	2 Position Terminal Block 5.08mm Through Hole	TE Connectivity	282837-2
1	J1	3 Position Terminal Block 2.54mm Through Hole	On Shore Technology	OSTVN03A150
1	J6	4 Position Terminal Block 2.54mm Through Hole	On Shore Technology	OSTVN04A150
4	J4-J5 J8-J9	8 Position Terminal Block 2.54mm Through Hole	On Shore Technology	OSTVN08A150
1	J7	16 Position Terminal Block 5.08mm Through Hole	TE Connectivity	1-282837-6
16	Q1 Q3 Q5 Q7 Q9 Q11 Q13 Q15 Q17 Q19 Q21 Q23 Q25 Q27 Q29 Q31	MOSFET BUK98150-55A/SOT223/SC-73	Nexperia	BUK98150-55A/CUF
16	Q2 Q4 Q6 Q8 Q10 Q12 Q14 Q16 Q18 Q20 Q22 Q24 Q26 Q28 Q30 Q32	TRANS NPN 40V 0.2A SOT23-3	Diodes Inc	MMBT3904-7-F
1	R18	Thick Film Resistor 120 ohms 0805 5% 1/2 watt	Panasonic	ERJ-P06J121V
49	R1-R16 R19-R22 R27 R29 R31 R33 R35-R38 R43 R45 R47 R49 R51-R54 R59 R61 R63 R65 R67-R70 R75 R77 R79 R81 R93	RES SMD 1.5K OHM 5% 1/8W 0805	Panasonic	ERJ-6GEYJ152V
2	R17 R94	RES SMD 4.7K OHM 5% 1/8W 0805	Panasonic	ERJ-6GEYJ472V
26	R23-R26 R39-R42 R55-R58 R71-R74 R83-R92	RES SMD 10K OHM 1% 1/8W 0805	Panasonic	ERJ-6ENF1002V
16	R28 R30 R32 R34 R44 R46 R48 R50 R60 R62 R64 R66 R76 R78 R80 R82	RES SMD 15K OHM 5% 1/8W 0805	Panasonic	ERJ-6GEYJ153V
1	U5	IC MCU 8BIT 16KB FLASH 14SOIC	Microchip	ATTINY1604-SSNR
1	U4	IC TRANSCEIVER RS485 8SOIC	Analog Devices/Maxim	MAX485CSA+
2	U2-U3	IC I/O EXPANDER I2C 16B 28SSOP	Microchip	MCP23017-E/SS
1	U1	LDO Voltage Regulators 5.0V 1A TO-252	OnSemi	NCP1117DT50RKG