Designator	Description	Distributor	Distributor Part Number	Manufacturer	Manufacturer Part Number	Quantity
C1, C6, C15, C22	Capacitor	DigiKey	1276-1870-1-ND	Samsung Electro-Mechanics	CL10A106MO8NQNC	4
C2, C4, C8, C9, C11, C13, C14, C21	Capacitor	DigiKey	1276-1009-1-ND	Samsung Electro-Mechanics	CL10B103KB8NNNC	8
C3, C10	Polarized Capacitor (Axial)	DigiKey	732-9599-1-ND	Würth Elektronik	860160674021	2
C5, C7, C12, C20	Capacitor	DigiKey	1276-1860-1-ND	Samsung Electro-Mechanics	CL10A105KB8NNNC	4
D1	Red, Green, Blue (RGB) - LED Indication - Discrete 1.9V Red, 2.8V Green, 2.8V Blue 0606 (1616 Metric)	DigiKey	1080-1551-1-ND	Everlight Electronics Co Ltd	EAST1616RGBB2	1
D2, D3, D4		DigiKey	1727-3848-1-ND	Nexperia USA Inc.	PMEG6010CEH,115	3
F1	Thermal Fuse	DigiKey	SF-1206SP200-2CT-ND	Bourns Inc.	SF-1206SP200-2	1
L1	Inductor	DigiKey	445-180842-1-ND	TDK Corporation	VLS6045AF-101M	1
P1, P2, P3, P4, P5, P8, P11	Header, 4-Pin, Header, 3-Pin, Dual row, Header, 2-Pin, Header, 3-Pin					7
Q1, Q3	MOSFET N-CH 60V 0.38A	DigiKey	DMN62D0U-13DICT-ND	Diodes Incorporated	DMN62D0U-13	2
Q2	MOSFET N-CH 30V 37A LFPAK	DigiKey		Nexperia USA Inc.	PSMN011-30YLC,115	1
R1, R11	Resistor	DigiKey	RMCF0603JT2K20CT-ND	Stackpole Electronics Inc	RMCF0603JT2K20	2
R2, R3, R10	Resistor	DigiKey	RMCF0603FT220RCT-ND	Stackpole Electronics Inc	RMCF0603FT220R	3
R5, R18, R23	Resistor	DigiKey	RMCF0603JT10K0CT-ND	Stackpole Electronics Inc	RMCF0603JT10K0	3
R6, R7, R8, R9, R12	Resistor	DigiKey	RMCF0603FT4K70CT-ND	Stackpole Electronics Inc	RMCF0603FT4K70	5
R13, R17, R22	Resistor	DigiKey	RMCF0603FT100RCT-ND	Stackpole Electronics Inc	RMCF0603FT100R	3
R19	Resistor	DigiKey	RNCS0603BKE1K00CT-ND	Stackpole Electronics Inc	RNCS0603BKE1K00	1
R20	Resistor	DigiKey	RMCF0603ZT0R00CT-ND	Stackpole Electronics Inc	RMCF0603ZT0R00	1
SW1	SWITCH TACTILE SPST-NO 0.05A 12V	DigiKey	CKN9088CT-ND	C&K	PTS645SL50SMTR92 LFS	1
U1				Espressif Systems	ESP32-WROOM-32D (4MB HIGH TEMP)	1
U2	Switching mode regulator [3v3, 5v, 12v and ADJ]	DigiKey	LM2576S-5.0/NOPB-ND	Texas Instruments	LM2576S-5.0/NOPB	1
U3	High-Performance Single 1.8V@150mA LDO	DigiKey	576-4082-1-ND	Microchip Technology	MIC5365-1.8YD5-TR	1