Qty	Designation	Package	Designator
1	10R/R0402	R_0402_5MIL_DWS	R40
4	49.9R/1%/R0402	R_0402_5MIL_DWS	R10,R11,R12,R13
3	220R/R0402	R_0402_5MIL_DWS	R24,R46,R47
2	220R/5%/0.25W/R1206	R_1206_5MIL_DWS	R43,R45
3	1k/R0402	R_0402_5MIL_DWS	R3,R20,R21
1	1.05k/1%/R0402	R_0402_5MIL_DWS	R41
6	2.2k/R0402	R_0402_5MIL_DWS	R5,R8,R14,R15,R31,R35
1	3.01k/1%/R0402	R_0402_5MIL_DWS	R42
10	10k/R0402	R_0402_5MIL_DWS	R1,R2,R6,R18,R19,R25,R36,R37, R39,R48
1	12.1k/1%/R0402	R_0402_5MIL_DWS	R26
1	25.5k/1%/R0603	R_0603_5MIL_DWS	R38
2	47k/R0402	R_0402_5MIL_DWS	R4,R33
1	49.9k/1%/R0402	R_0402_5MIL_DWS	R30
1	100k/R0402	R_0402_5MIL_DWS	R9
1	220k/R0402	R_0402_5MIL_DWS	R29
3	470k/R0402	R_0402_5MIL_DWS	R7,R16,R32
3	RA1206_(4X0603)_4B8_2.2k	R_MATRIX_4	RM1,RM2,RM3
2	27pF/50V/5%/C0G/C0402	C_0402_5MIL_DWS	C4,C5
2	1nF/50V/10%/X7R/C0402	C_0402_5MIL_DWS	C26,C28
1	1nF/2000V/10%/X7R/C1206	C_1206_5MIL_DWS_ISO	C2
2	**1.0nF/3kV/10%/X7R/SMD/1808 (VISHAY-VJ1808Y102KBHAT4X _Farnell-2407291)**	**C_1808(4520)_5MIL_DWS_ISO**	**C20,C23**
7	100nF/16V/10%/X7R/C0402	C_0402_5MIL_DWS	C8,C11,C14,C15,C16,C18,C25
1	100nF/100V/20%/C1206	C_1206_5MIL_DWS	C24
1	2.2uF/6.3V/10%/X5R/C0603	C_0603_5MIL_DWS	C17
1	2.2uF/100V/20%/X7R/C1206 (AVX_12061C225KAT2A_Comet)	C_1206_5MIL_DWS_ISO	C12
1	15uF/100V/20%/RM2.5/6.3x11mm (Farnell:1281844)	CPOL-RM2.5mm_6.3x11mm_PTH	C27
9	22uF/6.3V/20%/X5R/C0603	C_0603_5MIL_DWS	C1,C6,C7,C9,C10,C13,C19,C22,C30
1	47uF/6.3V/20%/X5R/C0805	C_0805_5MIL_DWS	C3
1	680uF/10V/20%/105C/ RM3.5/8x11.5mm	CPOL-RM3.5mm_8.0x11.5mm_PTH	C29
1	2.2uH/1.5A/DCR=72mR/20%/ 3.00x3.00x1.50mm/ CD32(NR3015T2R2M)	CD32	L2
1	33uH/2.1A/DCR=0.1R/20%/ DBS135(PD3316MT330)	DBS135	L4
4	FB0805/600R/2A	L_0805_5MIL_DWS	L1,L3,L5,L6
1	DTC114YKA(SOT-23)	SOT23	T1
2	BC817-40(SOT23)	SOT23	Q2,Q3
3	WPM2015-3/TR	SOT23	FET1,FET2,FET3
1	BAT54C(SOT23-3)	SOT23-3	D2
1	1N5819S4/SOD-123	SOD-123_1C-2A_KA	D4
1	SS510/100V/5A/0.85V/ DO214AB(SMC)	DO214AB(SMC)_1(K)-2(A)	D5
4	1N5819S4/SOD123	SOD-123_1C-2A_KA	D1,D3,D6,D7
2	LED/YELLOW/0603	LED_0603_KA	CHRG1,ACT1
1	LED/RED/0603	LED_0603_KA	PWR1
1	LED/GREEN/0603	LED_0603_KA	LNK1
1	Q12MHz/20pF/10ppm/4P/ 3.2x2.5mm	TSX-3.2x2.5mm_GND(3)	Q1
1	ESP-WROOM-32	ESP-WROOM-32_MODULE	U9
1	F0505S-2WR2(SIP-7)	SIP-7_Universal	DCDC1
1	Si3402-B-GM(QFN-20_5x5mm)	QFN-20_5x5mm(Si3402-B-GM)	U8
1	LAN8710A-EZC(QFN32)	QFN32_EP(33)_5.00x5.00x 0.90mm_Pitch_0.50mm	U4

1	CH340T(SSOP20W)	SSOP-20W	U1
1	SY8089AAAC(SOT23-5)	SOT-23-5	U7
1	BL4054B-42TPRN(SOT23-5)	SOT-23-5	U3
1	MISB-SWMM-5B-LF(USB_MICRO)	USB-MICRO_MISB-SWMM-5B_LF	USB-UART1
1	P-B-V-10-LF	GBH-254-SMT-10	UEXT1
1	TFC-9P-1.7H(ATFFS150A01BR016)	uSD(TFC-9P-1.xH (ATFFS150A01BR016))	MICRO_SD1
1	DW02R	LIPO_BAT-CON2DW02R	BAT1
1	**RJP-003TC1(LPJ4112CNL)- –Pin<7>_and_<8>_to_be_CUT!!!**	**RJP-003TC1(LPJ4112CNL)- ISO(Pin(7)and(8)CUT)**	**LAN_CON1**
2	**NS(HN1x10)**	**HN1x10**	**EXT1,EXT2**
2	IT1185AU2	IT1185AU2_V2	RST1,BUT1
1	NA(10uF/6.3V/20%/X5R/C0603)	C_0603_5MIL_DWS	C21
1	NA(49.9R/1%/R0402)	R_0402_5MIL_DWS	R34
2	NA/R0402	R_0402_5MIL_DWS	R49,R44
1	NA	R_0402_5MIL_DWS	R17