Qty	Designation	Package	Designator
1	0R(board_mounted)	0R_0603	R7
1	10R/R0402	R_0402_5MIL_DWS	R40
4	49.9R/1%/R0402	R_0402_5MIL_DWS	R10,R11,R12,R13
5	220R/R0402	R_0402_5MIL_DWS	R18,R19,R24,R46,R47
2	220R/5%/0.25W/R1206	R_1206_5MIL_DWS	R43,R45
5	1k/R0402	R_0402_5MIL_DWS	R3,R16,R20,R21,R32
1	1k/1%/R0402	R_0402_5MIL_DWS	R41
1	1.1k/1%/R0402	R_0402_5MIL_DWS	R30
8	2.2k/R0402	R_0402_5MIL_DWS	R5,R6,R8,R14,R15,R22,R31,R35
1	3.01k/1%/R0402	R_0402_5MIL_DWS	R42
1	4.99k/1%/R0402	R_0402_5MIL_DWS	R29
8	10k/R0402	R_0402_5MIL_DWS	R1,R2,R17,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
1	47k/R0402	R_0402_5MIL_DWS	R33
3	RA1206_(4X0603)_4B8_2.2k	R_MATRIX_4	RM1,RM2,RM3
2	27pF/50V/5%/C0G/C0402	C_0402_5MIL_DWS	C4,C5
1	1nF/50V/10%/X7R/C0603	C_0603_5MIL_DWS	C26
1	1nF/2000V/10%/X7R/C1206	C_1206_5MIL_DWS_ISO	C2
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/C01206*	*C_1206_5MIL_DWS_ISO*	*C12*
1	15uF/100V/20%/RM2.5/6.3x11mm (Farnell:1281844)	CPOL-RM2.5mm_6.3x11mm_SMD	C27
8	22uF/6.3V/20%/X5R/C0603	C_0603_5MIL_DWS	C1,C6,C7,C9,C10,C13,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_SMD	C29
1	2.2uH/1.5A/DCR<0.1R/CD32	CD32	L2
1	33uH/2.1A/DCR=0.1R/20%/ DBS135(PD3316MT330)	DBS135	L4
3	FB0805/600R/2A	L_0805_5MIL_DWS	L1,L6,L5
1	LED/RED/0603	LED_0603_KA	PWR1
2	LED/YELLOW/0603	LED_0603_KA	CHRG1,ACT1
2	LED/GREEN/0603	LED_0603_KA	COMPL1,LNK1
1	1N5819S4(SOD-123)	SOD-123_1C-2A_KA	D4
1	BAT54C(SOT23-3)	SOT23-3	D2
2	1N5822/SS34/SMA	SMA-KA	D1,D3
1	SS510/100V/5A/0.85V/ DO214AB(SMC)	DO214AB(SMC)_1(K)-2(A)	D5
1	DTC114YKA(SOT-23)	SOT23	T1
3	WPM2015-3/TR	SOT23	FET1,FET2,FET3
2	BC817-40(SOT23)	SOT23	Q2,Q3
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	Si3402-B-GM(QFN-20_5x5mm)	QFN-20_5x5mm(Si3402-B-GM)	U8
1	LAN8710A-EZC(QFN32)	QFN32_EP(33)_5.00x5.00x0.90mm_ Pitch_0.50mm	U4
1	MCP73833(MSOP10)	MSOP-10_Pitch-0.5mm_ 3.00x3.00x1.00mm	U3
1	CH340T(SSOP20W)	SSOP-20W	U1
1	SY8089AAAC(SOT23-5)	SOT-23-5	U7
1	B-V-10-LF(GBH254SMT-10)	GBH-254-SMT-10	UEXT1
2	NS(HN1x10)	HN1x10	EXT1,EXT2
1	MISB-SWMM-5B-LF(USB_MICRO)	USB-MICRO_MISB-SWMM-5B_LF	USB-UART1
1	DW02R	LIPO_BAT-CON2DW02R	BAT1
1	RJP-003TC1(LPJ4112CNL)	RJP-003TC1(LPJ4112CNL)	LAN_CON1
1	TFC-9P-1.7H(ATFFS150A01BR016)	uSD(TFC-9P-1.xH (ATFFS150A01BR016))	MICRO_SD1
2	IT1185AU2	IT1185AU2_V2	BUT1,RST1
2	*Soldered*	*SJ_1_SMALLER*	*EN_CT1,EN_CT2*
2	NA/R0402	R_0402_5MIL_DWS	R49,R44
1	*NA(49.9R/1%/R0402)*	*R_0402_5MIL_DWS*	*R34*
1	NA(10uF/6.3V/20%/X5R/C0603)	C_0603_5MIL_DWS	C21