ESP32-PoE_Rev_E-BOM

Quantity	Designation	Package	Designator
1	10R/R0402	R0402	R40
4	49.9R/1%/R0402	R0402	R10,R11,R12,R13
3	220R/R0402	R0402	R47,R24,R46
2	220R/5%/0.25W/R1206	R1206	R43,R45
3	1k/R0402	R0402	R20,R21,R3
1	1k/1%/R0402	R0402	R41
7	2.2k/R0402	R0402	R8,R14,R15,R5,R31,R35,R6
3	RA1206_(4X0603)_4B8_2.2k	R_MATRIX	RM3,RM2,RM1
1	3.01k/1%/R0402	R0402	R42
10	10k/R0402	R0402	R37,R48,*R18,R19*,R1, R2,R25,***R32***,R36,R39
1	12.1k/1%/R0402	R0402	R26
1	25.5k/1%/R0603	R0603	R38
2	47k/R0402	R0402	R33,R4
1	49.9k/1%/R0402	R0402	R30
1	100k/R0402	R0402	R9
1	220k/R0402	R0402	R29
2	470k/R0402	R0402	R17,R22
3	FB0805/600R/2A	L0805	L1,L6,L5
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
2	27pF/50V/5%/C0G/C0402	C0402	C4,C5
2	1nF/50V/10%/X7R/C0402	C0402	C19,C26
1	1nF/2000V/10%/X7R/C1206	C1206	C2
7	100nF/16V/10%/X7R/C0402	C0402	C8,C11,C15,C16,C18,C14,C25
1	100nF/100V/20%/C1206	C1206	C24
1	*1uF/10V/20%/X5R/C0603*	*C0603*	*C20*
1	2.2uF/6.3V/10%/X5R/C0603	C0603	C17
1	2.2uF/100V/20%/X7R/C1206 (AVX_12061C225KAT2A)	C1206	C12
1	15uF/100V/20%/RM2.5/ 6.3x11mm(Farnell:1281844)	6.3x11mm RM2.5mm	C27
7	22uF/6.3V/20%/X5R/C0603	C0603	C7,C9,C13,C1,C6,C30,C10
2	47uF/6.3V/20%/X5R/C0805	C0805	C3,*C22*
1	680uF/10V/20%/105C/ RM3.5/8x11.5mm	8.0x11.5mm RM3.5mm	C29
1	LED/RED/0603	LED0603	PWR1
2	LED/YELLOW/0603	LED0603	CHRG1,ACT1
1	LED/GREEN/0603	LED0603	LNK1
1	BAT54C(SOT23-3)	SOT23-3	D2
3	1N5819S4(SOD-123)	SOD-123	D4,*D6,D7*
2	1N5822/SS34/SMA	SMA-KA	D1,D3
1	SS510/100V/5A/0.85V/ DO214AB(SMC)	DO214AB(SMC)	D5

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2	BC817-40(SOT23)	SOT23	Q2,Q3
1	**_LMUN2211LT1G(SOT-23)_**	SOT23	**_T1_**
3	WPM2015-3/TR	SOT23	FET1,FET2,FET3
1	BL4054B-42TPRN(SOT23-5)	SOT-23-5	U3
1	CH340T(SSOP20W)	SSOP-20W	U1
1	LAN8710A-EZC(QFN32)	QFN32	U4
1	Si3402-B-GM(QFN-20_5x5mm)	QFN-20	U8
1	SY8089AAAC(SOT23-5)	SOT-23-5	U7
1	ESP-WROOM-32	ESP-WROOM-32	U9
1	Q12MHz/20pF/10ppm/ 4P/3.2x2.5mm	3.2x2.5mm	Q1
2	IT1185AU2	IT1185AU2	BUT1,RST1
1	RJP-003TC1(LPJ4112CNL)	RJP-003TC1	LAN_CON1
1	**_P-B-V-10-LF_**	GBH-254-SMT-10	**_UEXT1_**
1	MISB-SWMM-5B-LF (USB_MICRO)	USB-MICRO	USB-UART1
1	TFC-9P-1.7H (ATFFS150A01BR016)	TFC-9P-1.xH	MICRO_SD1
1	DW02R	DW02R	BAT1
2	NA/R0402	R0402	R49,R44
1	NA(49.9R/1%/R0402)	R0402	R34
1	NA(10k/R0402)	R0402	R16
1	NA(FB0805/600R/2A)	L0805	L3
1	NA(10uF/6.3V/20%/X5R/C0603)	C0603	C21
2	NS(HN1x10)	HN1x10	EXT1,EXT2
1	Opened	SJ_1	BAT_SENS_E1
2	Closed	SJ_1	EN_CT1,EN_CT2