

Count	Type or Name	RefDes	Pattern	Value	Description
1	EPM3128A	U1	LQFP100		
1	SL811HST-AXC	D1	LQFP48		
1	W5300	D2	LQFP100		
1	74HCT125	D3	SOIC14		
1	74LVC1G08	D4	SOT23-5		
1	LM1117 or eq.	DA1	D-PAK or SOT223	3.3V	
2	LED	VD5 VD4	100 mil thorough hole		
23	ceramic X7R or X5R	C3	0805 or 1206	0.1uF	
		C4		0.1uF	
		C5		0.1uF	
		C7		0.1uF	
		C9		0.1uF	
		C11		0.1uF	
		C14		0.1uF	
		C15		0.1uF	
		C16		0.1uF	
		C17		0.1uF	
		C18		0.1uF	
		C19		0.1uF	
		C22		0.1uF	
		C25		0.1uF	
		C26		0.1uF	
		C27		0.1uF	
		C28		0.1uF	
		C29		0.1uF	
		C30		0.1uF	
		C31		0.1uF	
		C32		0.1uF	
		C33		0.1uF	

	C34		0.1uF	
2 ceramic NP0	C20	0805 or 1206	13pF	
	C21		13pF	
6 tantalum	C8	type A (1206)	10uF 10V min	
	C10		10uF 10V min	
	C12		10uF 10V min	
	C13		10uF 10V min	
	C23		10uF 10V min	
	C24		10uF 10V min	
1 tantalum or electrolytic	C6	type A or through hole	10uF 10V min	
2 choke	L2	0805 or 1206	1uH	
	L3		1uH	
1 choke	L1	surface mount	10uH 0.5A min	
1 FUSE	F1	1210 or 1206	PPTC fuse 500-750 mA	
1 OSC5X3_2	QZ2	OSC5X3_2	48 MHz	5v or 3.3v,
1 OSC7X5	QZ1	OSC7X5	48 MHz	mount only one!
1 QUARTZ	Q2	HC-49	25 MHz	
2 resistor	R18	0805 or 1206	0R	either R18 or R19,
	R19		0R	not both!
3 resistor	R6	0805 or 1206	1M	
	R27		1M	
	R30		1M	
2 resistor	R24	0805 or 1206	1.5K	
	R31		1.5K	
1 resistor	R7	0805 or 1206	12K	
6 resistor	R4	0805 or 1206	15K	
	R5		15K	
	R15		15K	
	R16		15K	
	R17		15K	
	R25		15K	

7 resistor	R2	0805 or 1206	33R	
	R3		33R	
	R32		33R	
	R33		33R	
	R34		33R	
	R35		33R	
	R36		33R	
4 resistor	R11	0805 or 1206	49.9R	51 Ohm is also OK
	R12		49.9R	51 Ohm is also OK
	R13		49.9R	51 Ohm is also OK
	R14		49.9R	51 Ohm is also OK
5 resistor	R8	0805 or 1206	330R	
	R9		330R	
	R10		330R	
	R22		330R	
	R23		330R	
1 IDC10M	X1	IDC10M		
1 USB1-PIN	X2	PLS-5		do not mount
1 USBA-1J	USB1	through hole		
1 ZXBUS-PIN	XS2	IDC30		do not mount
1 MINI-USB	X3	SMD		
3 JUMPER	J1	100 mil thorough hole		do not mount
	J2		do not mount	
	J3		do not mount	
1 J0011D21BNL	RJ1		with integrated transformer	