

Bill Of Materials for ALTIMETER VEGA USB

Design Title ALTIMETER VEGA USB
Author
Document Number
Revision
Design Created Tuesday, January 15, 2019
Design Last Modified Sunday, January 20, 2019
Total Parts In Design 40

0 Modules

Quantity	References	Value	PCB Package
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Sub-totals:

7 Capacitors

Quantity	References	Value	PCB Package
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2	C1,C7	10uF	0805
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2	C2,C4	1uF	0805
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1	C3	100nF	0805
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2	C5,C6	20pF	0805
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Sub-totals:

17 Resistors

Quantity	References	Value	PCB Package
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4	R1,R2,R3,R6	220	0805
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2	R4,R5	100	0805
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5	R7,R9,R13,R14,R16	1k	0805
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2	R8,R10	500	0805
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1	R11	10	0805
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2	R12,R15	1M	0805
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1	R17	20k	0805
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Sub-totals:

1 Integrated Circuits

Quantity	References	Value	PCB Package
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1	U1	PIC18F2553/PIC18F2550/PIC18LF2553/PIC18LF2550	SOIC127P1034X264-28
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Sub-totals:

4 Transistors

Quantity	References	Value	PCB Package
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1	Q1	AO3401	SOT23
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1	Q2	MMBT2222A	SOT23
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2	Q3,Q4	BSS138	SOT23
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Sub-totals:

3 Diodes

Quantity	References	Value	PCB Package
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1	D1	LED	LED
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1	D2	LED	0805
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1	D3	B5819WS	SOD-323
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Sub-totals:

8 Miscellaneous

Quantity	References	Value	PCB Package
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1	BAT1	3.7V	CONN-SIL2_MOD
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1	ICSP1		CONN-SIL5
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1	J1	6P	6P HEADER 1.27
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1	LIPO	MCP73831-4.2V	SOT23-5
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1	PCB1	PCB	
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1	USB1	Type B	CON4_1X4_USB_B_AM
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1	VREG	XC6206P302MR 3.3v	SOT23
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1	X1	4MHz	XTAL18
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Sub-totals:

Totals:

Monday, June 2, 2025 8:49:16 PM