

Item	Quantity	Reference	Part	Value	Tol	Rating	Type	Manufacturer	Part Number	Supplier
1	2	R1,R2	TBD,,,	TBD	5%	1/8W	Metal Film, +/-100 ppm TC, Mini Axial	KOA		Digi-Key 800-344-4539
2	9	D1,D2,D3,D4,D5,D6,D7,D8,D9	SM8LC15,,,	15VDC	-	0.5kW pk	Transient Voltage Suppressor, S08	Microsemi	SM8LC15	Digi-Key 800-344-4539
3	2	D10,D11	SM8LC05,,,	5VDC	-	0.5kW pk	Transient Voltage Suppressor, S08	Microsemi	SM8LC05	Digi-Key 800-344-4539
4	1	D12	USB6B1,,,	5VDC	-	0.5kW pk	Transient Voltage Suppressor, S08	Microsemi	USB6B1	Digi-Key 800-344-4539
5	2	U1,U2	PS2701-1,,,	PS2701-1	-	-	Optocoupler-Xistor Output, 4 Pin SOP	NEC	PS2701-1	Digi-Key 800-344-4539
6	1	J10	AMPLATCH_34,,,	34 Pin	-	-	2 Row Vertical Latching Header	AMP	499374-8	Digi-Key 800-344-4539
7	1	J12	TERM_BLOCK_4,,,	4 Pin	-	-	1 Row Vert Header with Screw Retention	On-Shore	ED2447	Digi-Key 800-344-4539
8	1	J11	TERM_BLOCK_10,,,	10 Pin	-	-	1 Row Vert Header with Screw Retention	On-Shore	ED2453	Digi-Key 800-344-4539
9	1	J13	VERT_USB_B,,,	4 Pin	-	-	4 Pin Vertical USB B Connector	Molex	67265-0000	Digi-Key 800-344-4539
10	27	P1,P2,P3,P4,P5,P6,P7,P8,P9,P10,P11,P12,P13,P14,P15,P16,P17,P18,P19,P20,P21,P22,P23,P24,P25,P26,P27	PAD_LRG,,,	1 Pin	-	-	Hole To Accommodate 20AWG Metal Bus Wire			
11	6	J1,J2,J3,J4,J5,J6	HEADER_4,,,	4 Pin	-	-	Holes To Accommodate 20AWG Metal Bus Wire			
12	2	J7,J8	HEADER_6,,,	6 Pin	-	-	Holes To Accommodate 20AWG Metal Bus Wire			
13	1	J9	HEADER_12,,,	12 Pin	-	-	Holes To Accommodate 20AWG Metal Bus Wire			