

Bill Of Materials for AP-VDU80-3

Design Title AP-VDU80-3
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Document Number
Revision 3
Design Created 17 July 2020
Design Last Modified 06 August 2020
Total Parts In Design 107

0 Modules

<u>Quantity</u>	<u>References</u>	<u>Value</u>	<u>PCB Package</u>	<u>Name</u>	<u>Stock Code</u>	<u>Unit Cost</u>
Sub-totals:						£0.00

23 Capacitors

<u>Quantity</u>	<u>References</u>	<u>Value</u>	<u>PCB Package</u>	<u>Name</u>	<u>Stock Code</u>	<u>Unit Cost</u>
21	C1-C9,C11-C14,C17-C24	100n	MURATA-RDE-CAP	RDER71H104K0M1H03A	Farnell 2990797	
1	C10	22pF	CAPVISHAYKS	K220J10C0GF5UH5	Farnell 2860107	
1	C25	100U	CAPPRD250W50D630H1 270	PCELEC100U25V180M	Farnell 2068981	
Sub-totals:						£0.00

18 Resistors

<u>Quantity</u>	<u>References</u>	<u>Value</u>	<u>PCB Package</u>	<u>Name</u>	<u>Stock Code</u>	<u>Unit Cost</u>
11	R1,R4-R6, R9-R11,R15- R18	4k7	RES40	MINRES4K7	Farnell 9468692	
3	R2-R3,R12	2k2	RES40	MINRES2K2	Farnell 9466711	
2	R7-R8	470R	RES40	MINRES470R	Farnell 9468463	
1	R13	1k8	RES40	MINRES1K8	Farnell 9465448	
1	R14	82R	RES40	MINRES82R	Farnell 9470298	
Sub-totals:						£0.00

21 Integrated Circuits

<u>Quantity</u>	<u>References</u>	<u>Value</u>	<u>PCB Package</u>	<u>Name</u>	<u>Stock Code</u>	<u>Unit Cost</u>
3	U1,U3-U4	74LS04	DIL14	74LS04		
1	U2	SN74LS122N	DIL14	SN74LS122N		
1	U5	74LS86	DIL14	74LS86		
1	U6	74LS10	DIL14	74LS10		
1	U7	74LS27	DIL14	74LS27		
2	U8-U9	74LS30	DIL14	74LS30		
2	U10,U31	74LS245	DIL20	74LS245		
1	U11	MC6845CRTC	DIL40	MC6845CRTC		
3	U12-U14	SN74LS157N	DIL16	SN74LS157N		
1	U15	6264	DIL28	6264		
1	U17	74LS175	DIL16	74LS175		
1	U18	SN74LS574N	DIL20	SN74LS574N		
1	U19	AT28C64B	DIL28	AT28C64B		
1	U20	SN74LS166	DIL16	SN74LS166		
1	U21	74LS163	DIL16	74LS163		

Sub-totals: £0.00

1 Transistors

<u>Quantity</u>	<u>References</u>	<u>Value</u>	<u>PCB Package</u>	<u>Name</u>	<u>Stock Code</u>	<u>Unit Cost</u>
1	Q1	BC547	TO92/18	BC547	Famell 1017673	

Sub-totals: £0.00

1 Diodes

<u>Quantity</u>	<u>References</u>	<u>Value</u>	<u>PCB Package</u>	<u>Name</u>	<u>Stock Code</u>	<u>Unit Cost</u>
1	D1	1N4148TR	DO35	1N4148TR	Famell 9843680	

Sub-totals: £0.00

43 Miscellaneous

<u>Quantity</u>	<u>References</u>	<u>Value</u>	<u>PCB Package</u>	<u>Name</u>	<u>Stock Code</u>	<u>Unit Cost</u>
1	E1	INTERAK_ISBUS_B_2	INTERAK_ISBUS_B_2	INTERAK_ISBUS_B_2	No fit	
14	GND,TP1-TP13	TP	TP	TP	No fit	
3	J1-J3	HTSW-102-07-T-S	HTSW-102-07-T-S	HTSW-102-07-T-S	Famell 1925361	
1	J5	66953-012LF	66953-012LF	66953-012LF	609-2276-ND	
1	J6	SSQ-104-01-G-S			Mouser 200-SSQ10401GS	
1	J7	SSQ-130-01-G-S			Mouser 200-SSQ13001GS	
1	LK1	FIXED-LINK2	FIXED-LINK2	FIXED-LINK2	No fit	
1	RV1	10K	PRE-3386P	3386P-1-103LF	Famell 9355030	
1	RV2	50K	PRE-3386P	3386P-1-503LF	Famell 9355120	
3	SK1,SK7,SK14	2227MC-20-03-07-F1	DIL20	2227MC-20-03-09-F1	Famell 1103848	
1	SK2	2227MC-40-06-F1	DIL40	2227MC-40-06-F1	Famell 1103841	
7	SK3-SK4,SK6,SK10-SK13	2227MC-16-03-09-F1	DIL16	2227MC-16-03-09-F1	Famell 1103846	
2	SK5,SK8	2227MC-28-06-07-F1	DIL28	2227MC-28-06-07-F1	Famell 1103852	
5	SK9,SK15-SK18	2227MC-14-03-10-F1	DIL14	2227MC-14-03-09-F1	Famell 1103845	
1	X1	HC49US15	HC49US	HC49US15	Famell 1652565	

Sub-totals: £0.00

Totals: £0.00