

## CAPI VP25 & VP26 Rev C Main PCB BOM

Resistors					
Part # Qty	Position	Value	Type	Manufacturer	Man. Part#
2	R1	10k	.25W 1% MF	Xicon	271-10K-RC
	R4				
1	R2	1k	.25W 1% MF	Xicon	271-1K-RC
2	R7	6k8	.4W 0.1% MF	Vishay	MBB 0207-25 0.1% C1 6k8
	R8				
2	R5	20k	.25W 1% MF	Xicon	271-20K-RC
	R13				
1	R3	150k	.25W 1% MF	Xicon	271-150K-RC
2	R6	200R	.25W 1% MF	Xicon	271-200-RC
	R12				
2	R9	750R	.25W 1% MF	Xicon	271-750-RC
	R11				
1	R10	160R	.25W 1% MF	Xicon	271-160-RC
1	R14	10R	.5W 5% CF	Xicon	293-10-RC

RG ~ Stepped Preamp Gain Resistors (optional)					
Part # Qty	Position	Value	Type	Manufacturer	Man. Part#
1	RG1	14k7	.25W 1% MF	Xicon	271-14.7K-RC
1	RG2	4k99	.25W 1% MF	Xicon	271-4.99K-RC
1	RG3	1k96	.25W 1% MF	Xicon	271-1.96K-RC
1	RG4	1k24	.25W 1% MF	Xicon	271-1.24K-RC
1	RG5	787R	.25W 1% MF	Xicon	271-787-RC
1	RG6	511R	.25W 1% MF	Xicon	271-511-RC
1	RG7	357R	.25W 1% MF	Xicon	271-357-RC
1	RG8	249R	.25W 1% MF	Xicon	271-249-RC
1	RG9	169R	.25W 1% MF	Xicon	271-169-RC
1	RG10	120R	.25W 1% MF	Xicon	271-120-RC
1	RG11	82R	.25W 1% MF	Xicon	271-82-RC



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Diodes					
Part # Qty	Position	Value	Type	Manufacturer	Man. Part#
2	CR1	400V	Rectifier	Fairchild Semiconductor	1N4004
	CR2				
1	LED1	Red	Round, 3mm, T-1	Lumex	SSL-LX3044ID

Capacitors					
Part # Qty	Position	Value	Type	Manufacturer	Man. Part#
1	C3	27pF, 50V	COG Ceramic	Murata	RPE5C1H270J2P1Z03B
1	C4	82pF, 50V	COG Ceramic	Murata	RPE5C1H820J2P1Z03B
1	C2	220pF, 50V	COG Ceramic	BC	K221J15C0GF5TL2
2	C7	1000pF, 50V	COG Ceramic	BC	K102J15C0GF5TL2
	C8				
1	C11	100pF, 100V	Film	WIMA	FKP2-100/100/2.5
1	C1	33μF, 25V	Axial, Electrolytic	BC	2222 138 36339
1	C10	470μF, 10V	Axial, Electrolytic	BC	2222 138 34471
2	C5	47μF, 25V	Radial, Electrolytic	Nichicon	UHE1E470MDD
	C6				
1	C9	120μF, 50V	Radial, Electrolytic	Nichicon	UHE1H121MPD
1	C12	330μF, 16V	Radial, Electrolytic	Nichicon	UHE1C331MPD

Operational Amplifiers					
Part # Qty	Position	Value	Type	Manufacturer	Man. Part#
1	A1		Discrete	??	

Transformers					
Part # Qty	Position	Value	Type	Manufacturer	Man. Part#
1	T1		Input	audioiron	EA2622
For VP25 Build Use EA2503					
1	T2		Output	audioiron	EA2503
For VP26 Build Use EA2623-1					
1	T2		Output	audioiron	EA2623-1



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Potentiometers & Knobs					
Part # Qty	Position	Value	Type	Manufacturer	Man. Part#
1	RV1	Custom	600 ohm T-pad, CP	Bourns	Bourns-51-t-pad
1	RV2	25K	CCW Log, CP	Bourns	51CAN-D20-G17L
1	RV1	.25" Shaft	Control Knob	Vemaline	5-62-1B
1	RV2	.125" Shaft	Control Knob	Vemaline	5-50-1A

Switches					
Part # Qty	Position	Value	Type	Manufacturer	Man. Part#
1	SW1	SPDT	Toggle	C&K Components	7101SYZQE
3	SW2	2PDT	Pushbutton	C&K Components	F2UEETB
	SW3				
	SW4				
2	SW2	Black	Pushbutton Cap	C&K Components	F0101
	SW4				
1	SW3	White	Pushbutton Cap	C&K Components	F0102

Miscellaneous					
Part # Qty	Position	Value	Type	Manufacturer	Man. Part#
6	Opamp		PC Sockets	Mill-Max	0322-0-15-15-34-27-10-0
1	L-Bracket		Aluminum	CAPI	VPxxx L-Bkt
1	Faceplate		Aluminum	CAPI	VP2X F-P-R
1	Hdw Kit		Misc	CAPI	VP25 or VP26 Hdw

