

CAPI 553F-VAR Rev A Main PCB BOM

Resistors					
Part # Qty	Position	Value	Type	Manufacturer	Man. Part#
1	R16	47R	.25W 1% MF	Xicon	271-47-RC
1	R8	200R	.25W 1% MF	Xicon	271-200-RC
1	R27	475R	.25W 1% MF	Xicon	271-475-RC
1	R12	732R	.25W 1% MF	Xicon	271-732-RC
3	R7	1k	.25W 1% MF	Xicon	271-1K-RC
	R19	1k			
	R24	1k			
1	R13	1.2k	.25W 1% MF	Xicon	271-1.2K-RC
1	R1	3k	.25W 1% MF	Xicon	271-3K-RC
1	R28	4.75k	.25W 1% MF	Xicon	271-4.75K-RC
2	R14	10k	.25W 1% MF	Xicon	271-10K-RC
	R15	10k			
1	R5	10.5k	.25W 1% MF	Xicon	271-10.5K-RC
1	R3	13k	.25W 1% MF	Xicon	271-13K-RC
2	R10	14.3k	.25W 1% MF	Xicon	271-14.3K-RC
	R21	14.3k			
2	R4	20k	.25W 1% MF	Xicon	271-20K-RC
	R9	20k			
2	R17	20k	.4W 0.1% MF	Vishay	MBB 0207-25 0.1% C1 20k
	R18	20k			
1	R2	130k	.25W 1% MF	Xicon	271-130K-RC
1	R6	150k	.25W 1% MF	Xicon	271-150K-RC
1	R26	220k	.25W 1% MF	Xicon	271-220K-RC
2	R20	2M2	.25W 1% MF	Xicon	271-2.2M-RC
	R25	2M2			
1	R23	10R	.5W 5% CF	Xicon	293-10-RC
1	RV1	1K-25 Turn		Bourns	3296Y-1-102LF
2	R11	92.5k	NOT USED	NOT USED	NOT USED
	R22	92.5k	NOT USED	NOT USED	NOT USED

Diodes & LED's					
Part # Qty	Position	Value	Type	Manufacturer	Man. Part#
2	CR1	1N4004	Rectifier	Fairchild Semiconductor	1N4004
	CR2	1N4004			
1	LED1	LED	Round, 3mm, T-1	Lumex	SSL-LX3044ID



Capacitors					
Part # Qty	Position	Value	Type	Manufacturer	Man. Part#
1	C1	100pF, 100V	Film	WIMA	FKP2-100/100/2.5
1	C5	150pF, 100V	Film	WIMA	FKP2-150/100/2.5
1	C8	82pF, 50V	COG Ceramic	Murata	RPE5C1H820J2P1Z03B
1	C4	27pF, 50V	COG Ceramic	Murata	RPE5C1H270J2P1Z03B
2	C13	150pF, 50V	COG Ceramic	Murata	RPE5C1H151J2P1A03B
	C14	150pF, 50V			
2	C17	.1μF, 50V	X7R Ceramic	BC	K104K15X7RF5TL2
	C18	.1μF, 50V			
1	C12	.039μF, 100V	Polyester Film	Nichicon	QYX2A393JTP
1	C16	.033μF, 100V	Polyester Film	Nichicon	QYX2A333JTP
1	C3	330μF, 16V	Radial, Electrolytic	Nichicon	UHE1C331MPD
3	C7	100μF, 50V	Radial, Electrolytic	Panasonic	EEU-FM1H101
	C9	100μF, 50V			
	C10	100μF, 50V			
1	C6	33μF, 25V	Axial, Electrolytic	BC	MAL213836339E3
2	C15	10μF, 25V	Axial, Electrolytic	BC	MAL213836109E3
	C19	10μF, 25V			
2	C2	470μF, 10V	Axial, Electrolytic	BC	MAL213834471E3
	C11	470μF, 10V			

Switches					
Part # Qty	Position	Value	Type	Manufacturer	Man. Part#
2	SW2	SPDT	On-On Toggle	C&K Components	T101MH9ABE
	SW3	SPDT			
1	SW1	4PDT	Pushbutton	Toneluck	MPN-S4-A
1	SW1	Red	Pushbutton Cap	E-Switch	1RRED

Inductors					
Part # Qty	Position	Value	Type	Manufacturer	Man. Part#
1	L1	Low Shelving	MPP core	audioiron	1H
1	L2	Mid Peaking	MPP core	audioiron	100mH



Pots, Knobs & Inserts					
Part # Qty	Position	Value	Type	Manufacturer	Man. Part#
3	RV2	10k, linear	Center Detent	Bourns	51CEN-D20-E15L
	RV3	10k, linear			
	RV4	10k, linear			
3	RV2	.125" Shaft	Control Knob	Vemaline	5-50-1A
	RV3	.125" Shaft			
	RV4	.125" Shaft			
3	RV2	Black	Colored Insert	CAPI	JNW-x-50-black
	RV3	Black			
	RV4	Black			

Operational Amplifiers					
Part # Qty	Position	Value	Type	Manufacturer	Man. Part#
1	A1		Discrete	??	
1	A2		Discrete	??	

Transformers					
Part # Qty	Position	Value	Type	Manufacturer	Man. Part#
1	T2		Output	audioiron	EA2503

Miscellaneous					
Part # Qty	Position	Value	Type	Manufacturer	Man. Part#
2	A1	6pc set	PC Sockets	Mill-Max	0322-0-15-15-34-27-10-0
	A2				
1	.05" Frame		Steel, yellow zinc	CAPI	553F .05 Frame
1	.025" Cover		Steel, yellow zinc	CAPI	553F .025 Cover
1	Faceplate		Aluminum	CAPI	553F Faceplate
4	Inductors		Zip ties		
2	J2	3-pin .1 header	NOT USED	NOT USED	NOT USED
	J4	3-pin .1 header	NOT USED	NOT USED	NOT USED
2	J2	gold shunt	NOT USED	NOT USED	NOT USED
	J4	gold shunt	NOT USED	NOT USED	NOT USED

