

CAPI 553F-VAR Rev B Main PCB BOM

Resistors

Resistors					
Part # Qty	Position	Value	Type	Manufacturer	Man. Part#
1	R17	47R	.25W 1% MF	Xicon	271-47-RC
1	R26	475R	.25W 1% MF	Xicon	271-475-RC
1	R12	732R	.25W 1% MF	Xicon	271-732-RC
3	R11	1k	.25W 1% MF	Xicon	271-1K-RC
	R20	1k			
	R24	1k			
1	R13	1.2k	.25W 1% MF	Xicon	271-1.2K-RC
1	R3	2k	.25W 1% MF	Xicon	271-2K-RC
1	R10	2k7	.25W 1% MF	Xicon	271-2.7K-RC
1	R25	4k75	.25W 1% MF	Xicon	271-4.75K-RC
2	R15	10k	.25W 1% MF	Xicon	271-10K-RC
	R16	10k			
2	R4	10k	.25W 0.1% MF	TE Connectivity	YR1B10KCC
	R7	10k			
2	R6	11k	.25W 1% MF	Xicon	271-11K-RC
	R9	11k			
2	R14	12k4	.25W 1% MF	Xicon	271-12.4K-RC
	R18	12k4			
1	R2	13k	.25W 1% MF	Xicon	271-13K-RC
2	R5	20k	.25W 0.1% MF	TE Connectivity	YR1B20KCC
	R8	20k			
1	R1	130k	.25W 1% MF	Xicon	271-130K-RC
1	R22	220k	.25W 1% MF	Xicon	271-220K-RC
6	PR1	10R	.25W 5% CF	Xicon	291-10-RC
	PR2	10R			
	PR3	10R			
	PR4	10R			
	PR5	10R			
	PR6	10R			
2	R19	2M2	.25W 5% MF	Xicon	291-2.2M-RC
	R23	2M2			
1	R21	10R	.5W 5% CF	Xicon	293-10-RC

Diodes & LED's

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#
4	C3	150pF, 50V	COG Ceramic	Murata	RPE5C1H151J2P1A03B
	C5	150pF, 50V			
	C8	150pF, 50V			
	C9	150pF, 50V			
2	C15	0.1µF, 50V	X7R Ceramic	BC	K104K15X7RF5TL2
	C16	0.1µF, 50V			
1	C13	0.033µF, 100V	Polyester Film	Nichicon	QYX2A333JTP
1	C12	0.039µF, 100V	Polyester Film	Nichicon	QYX2A393JTP
2	C2	10µF, 25V	Radial, Electrolytic	Nichicon	UMW1E100MDD1TP
	C4	10µF, 25V			
3	C6	100µF, 50V	Radial, Electrolytic	Panasonic	EEU-FM1H101
	C7	100µF, 50V			
	C10	100µF, 50V			
1	C1	220µF, 4V	Radial, Electrolytic	Nichicon	UMW0G221MDD1TP
2	C14	10µF, 25V	Axial, Electrolytic	BC	MAL213836109E3
	C17	10µF, 25V			
1	C11	470µF, 10V	Axial, Electrolytic	BC	MAL213834471E3

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	CAPI	1H
1	L2	Mid Peaking	MPP core	CAPI	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	CAPI	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	CAPI	DT07
1	A2		Discrete	??	2520 Style



Transformers

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

Miscellaneous

Part # Qty	Position	Value	Type	Manufacturer	Man. Part#
1	A2	6pc set	PC Sockets	Mill-Max	0322-0-15-15-34-27-10-0
1	.05" Frame		Steel, clear zinc	CAPI	553F .05 Frame
1	.025" Cover		Steel, clear zinc	CAPI	553F .025 Cover
1	Faceplate		Aluminum	CAPI	553F Faceplate
1	****		PCB	CAPI	553F-VAR Rev B
1	J2	3-pin .1 header	Gold .1 header	3M	929647-01-03-I
1	J2	Shunt	Gold	3M	929953-30

