

# CAPI LC53A Main PCB BOM

Resistors							
Part # Qty	Position	Value	Type	Manufacturer	Spacing	Man. Part#	Vender
1	R8	47R	.25W 1% MF	Xicon		271-47-RC	Mouser
1	R2	200R	.25W 1% MF	Xicon		271-200-RC	Mouser
2	R6	10k	.25W 1% MF	Xicon		271-10K-RC	Mouser
	R7						
1	R5	10.5k	.25W 1% MF	Xicon		271-10.5K-RC	Mouser
2	R1	20k	.25W 1% MF	Xicon		271-20K-RC	Mouser
	R3						
2	R9	20k	.4W 0.1% MF	Vishay (taped)		MBB 0207-25 0.1% C1 20k	CAPI
	R10						
1	R4	150k	.25W 1% MF	Xicon		271-150K-RC	Mouser
1	R11	10R	.5W 5% CF	Xicon		293-10-RC	Mouser
1	RV1**	1K-25 Turn		Bourns	.1"	3296Y-1-102LF	Mouser

Diodes							
Part # Qty	Position	Value	Type	Manufacturer	Spacing	Man. Part#	Vender
2	CR1	400V	Rectifier	Fairchild Semiconductor		1N4004	Mouser
	CR2						



Capacitors							
Part # Qty	Position	Value	Type	Manufacturer	Spacing	Man. Part#	Vender
1	C1	100pF, 100V	Film	WIMA	5mm	FKP2-100/100/2.5	Mouser
1	C7	150pF, 100V	Film	WIMA	5mm	FKP2-150/100/2.5	Mouser
1	C3	82pF, 50V	COG Ceramic	Murata	2.5mm	RPE5C1H820J2P1Z03B	Digi-Key
1	C5	27pF, 50V	COG Ceramic	Murata	2.5mm	RPE5C1H270J2P1Z03B	Digi-Key
2	C10	150pF, 50V	COG Ceramic	Murata	2.5mm	RPE5C1H151J2P1A03B	Digi-Key
	C11						
1	C4	330µF, 16V	Radial, Electrolytic	Nichicon	3.5mm	UHE1C331MPD	Mouser
2	C8	100µF, 50V	Radial, Electrolytic	Panasonic	3.5mm	EEU-FM1H101	Mouser
	C9						
1	C6	33µF, 25V	Axial, Electrolytic	BC	L 12.7mm	MAL213836339E3	Digi-Key
2	C2	470µF, 10V	Axial, Electrolytic	BC	L 18mm	MAL213834471E3	Digi-Key
	C12						

Operational Amplifiers							
Part # Qty	Position	Value	Type	Manufacturer	Spacing	Man. Part#	Vender
2	A1		Discrete	??			
	A2						

Transformers							
Part # Qty	Position	Value	Type	Manufacturer	Spacing	Man. Part#	Vender
1	T1		Output	audioiron		EA2503	CAPI



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Miscellaneous							
Part # Qty	Position	Value	Type	Manufacturer	Spacing	Man. Part#	Vender
2	A1	6pc set	PC Sockets	Mill-Max		0322-0-15-15-34-27-10-0	CAPI
	A2						
1	.05" Frame		Steel, yellow zinc	CAPI		LC53A .05 Frame	CAPI
1	.025" Cover		Steel, yellow zinc	CAPI		LC53A .025 Cover	CAPI
1	Face-Plate		Aluminum	CAPI		VP312DI F-P-R	CAPI
1	2503 Hdw		Misc	CAPI		VP25-312 Hdw	CAPI
1	Hardware		Misc	CAPI		LC53A Hardware	CAPI
1	****		PCB	CAPI		LC53A-CB Rev A.1	CAPI

