

CAPI LC53A LC-EP Rev B PCB BOM

Resistors					
Part # Qty	Position	Value	Type	Manufacturer	Man. Part#
1	R18	590R	.25W 1% MF	Xicon	271-590-RC
1	R6	1k58	.25W 1% MF	Xicon	271-1.58K-RC
1	R1	1k78	.25W 1% MF	Xicon	271-1.78K-RC
1	R7	1k82	.25W 1% MF	Xicon	271-1.82K-RC
2	R2	1k96	.25W 1% MF	Xicon	271-1.96K-RC
	R8	1k96			
5	R3	2k05	.25W 1% MF	Xicon	271-2.05K-RC
	R5	2k05			
	R9	2k05			
	R10	2k05			
	R17	2k05			
2	R4	2k1	.25W 1% MF	Xicon	271-2.1K-RC
	R11	2k1			
1	R16	2k32	.25W 1% MF	Xicon	271-2.32K-RC
1	R15	2k37	.25W 1% MF	Xicon	271-2.37K-RC
1	R14	2k4	.25W 1% MF	Xicon	271-2.4K-RC
1	R13	2k49	.25W 1% MF	Xicon	271-2.49K-RC
1	R12	2k55	.25W 1% MF	Xicon	271-2.55K-RC
5	R19	1M	.25W 5% MF	Xicon	291-1M-RC
	R20	1M			
	R21	1M			
	R22	1M			
	R23	1M			

Transistors					
Part # Qty	Position	Value	Type	Manufacturer	Man. Part#
5	F1	J109	JFET	Fairchild	J109_D26Z
	F2	J109			
	F3	J109			
	F4	J109			
	F5	J109			



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Capacitors					
Part # Qty	Position	Value	Type	Manufacturer	Man. Part#
1	C18	0.012 μ F, 100V	Polyester Film	Nichicon	QYX2A123JTP
4	C15	0.022 μ F, 100V	Polyester Film	Nichicon	QYX2A223JTP
	C16	0.022 μ F, 100V			
	C17	0.022 μ F, 100V			
	C19	0.022 μ F, 100V			
2	C11	0.039 μ F, 100V	Polyester Film	Nichicon	QYX2A393JTP
	C20	0.039 μ F, 100V			
1	C12	0.056 μ F, 100V	Polyester Film	Nichicon	QYX2A563JTP
1	C14	0.068 μ F, 100V	Polyester Film	Nichicon	QYX2A683JTP
1	C8	0.082 μ F, 100V	Polyester Film	Nichicon	QYX2A823JTP
1	C7	0.15 μ F, 100V	Polyester Film	Nichicon	QYX2A154JTP
2	C10	0.18 μ F, 100V	Polyester Film	Nichicon	QYX2A184JTP
	C13	0.18 μ F, 100V			
1	C4	0.27 μ F, 100V	Polyester Film	Nichicon	QYX2A274JTP
1	C6	0.33 μ F, 100V	Polyester Film	Nichicon	QYX2A334JTP
1	C1	0.39 μ F, 50V	Polyester Film	Nichicon	QYX1H394JTP
3	C2	0.47 μ F, 50V	Polyester Film	Nichicon	QYX1H474JTP
	C3	0.47 μ F, 50V			
	C5	0.47 μ F, 50V			
1	C9	100 μ F, 50V	Radial, Electrolytic	Panasonic	EEU-FM1H101
1	C35	.0012 μ F, 50V	Polystyrene	Xicon	23PS212
3	C24	.0033 μ F, 50V	Polystyrene	Xicon	23PW233
	C33	.0033 μ F, 50V			
	C36	.0033 μ F, 50V			
6	C26	.0047 μ F, 50V	Polystyrene	Xicon	23PW247
	C27	.0047 μ F, 50V			
	C29	.0047 μ F, 50V			
	C30	.0047 μ F, 50V			
	C32	.0047 μ F, 50V			
	C39	.0047 μ F, 50V			
2	C34	.005 μ F, 50V	Polystyrene	Xicon	23PW250
	C38	.005 μ F, 50V			



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Capacitors (continued)					
2	C23	.0068 μ F, 50V	Polystyrene	Xicon	23PW268
	C28	.0068 μ F, 50V			
5	C21	.01 μ F, 50V	Polystyrene	Xicon	23PW310
	C22	.01 μ F, 50V			
	C25	.01 μ F, 50V			
	C31	.01 μ F, 50V			
	C37	.01 μ F, 50V			
5	C40	.1 μ F, 50V	X7R Ceramic	BC	K104K15X7RF5TL2
	C41	.1 μ F, 50V			
	C42	.1 μ F, 50V			
	C43	.1 μ F, 50V			
	C44	.1 μ F, 50V			

Switches					
Part # Qty	Position	Value	Type	Manufacturer	Man. Part#
2	SW1	1Deck-2Pole	Rotary-Shorting	Grayhill	71ADF30-01-2-AJS
	SW4	1Deck-2Pole			
1	SW3	1Deck-1Pole	Rotary-Shorting	Grayhill	71ADF30-01-1-AJS
2	SW2	SPDT	On-On Toggle	C&K Components	T101MH9ABE
	SW5	SPDT			

Inductors					
Part # Qty	Position	Value	Type	Manufacturer	Man. Part#
1	L1	Low Shelving	Multi-tap, Custom	audioiron	L:4.0 H
1	L2	Low Peaking	Multi-tap, Custom	audioiron	L:7.0 H
1	L3	Mid Peaking	Multi-tap, Custom	audioiron	L:900 mH
1	L4	High Peaking	Multi-tap, Custom	audioiron	L:75 mH



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Knobs & Inserts					
Part # Qty	Position	Value	Type	Manufacturer	Man. Part#
3	SW1	.125" Shaft	Control Knob	CAPI	5-37-1A
	SW3	.125" Shaft			
	SW4	.125" Shaft			
3	SW1	Black	Colored Insert	CAPI	JNW-x-37-black
	SW3	Black			
	SW4	Black			

Miscellaneous					
Part # Qty	Position	Value	Type	Manufacturer	Man. Part#
2	J1	3-Pin Header	Gold	3M	9296470736I
	J2	3-Pin Header			
1	****		PCB	CAPI	LC53A-LC-EP Rev A.2

