

CAPI LC53A CB Rev B PCB BOM

| Resistors | | | | | |
|------------|----------|-------|------------|--------------|--------------|
| Part # Qty | Position | Value | Type | Manufacturer | Man. Part# |
| 1 | R7 | 475R | .25W 1% MF | Xicon | 271-475-RC |
| 2 | R3 | 1k | .25W 1% MF | Xicon | 271-1K-RC |
| | R8 | 1k | | | |
| 1 | R1 | 3k | .25W 1% MF | Xicon | 271-3K-RC |
| 1 | R6 | 4k75 | .25W 1% MF | Xicon | 271-4.75K-RC |
| 3 | R15 | 5k1 | .25W 1% MF | Xicon | 271-5.1K-RC |
| | R17 | 5k1 | | | |
| | R22 | 5k1 | | | |
| 8 | R11 | 10k | .25W 1% MF | Xicon | 271-10K-RC |
| | R14 | 10k | | | |
| | R16 | 10k | | | |
| | R18 | 10k | | | |
| | R19 | 10k | | | |
| | R21 | 10k | | | |
| | R23 | 10k | | | |
| | R24 | 10k | | | |
| 1 | R12 | 13k | .25W 1% MF | Xicon | 271-13K-RC |
| 2 | R9 | 14k7 | .25W 1% MF | Xicon | 271-14.7K-RC |
| | R20 | 14k7 | | | |
| 1 | R2 | 130k | .25W 1% MF | Xicon | 271-130K-RC |
| 1 | R5 | 220k | .25W 1% MF | Xicon | 271-220K-RC |
| 2 | R4 | 2M2 | .25W 5% MF | Xicon | 291-2.2M-RC |
| | R10 | 2M2 | | | |
| 1 | R13 | 300k | .25W 5% MF | Xicon | 291-300K-RC |



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| Cut / Boost Resistors | | | | | |
|-----------------------|----------|-------|------------|--------------|--------------|
| Part # Qty | Position | Value | Type | Manufacturer | Man. Part# |
| 2 | CBR1 | 487 | .25W 1% MF | Xicon | 271-487-RC |
| | CBR10 | 487 | | | |
| 2 | CBR2 | 698 | .25W 1% MF | Xicon | 271-698-RC |
| | CBR9 | 698 | | | |
| 2 | CBR3 | 910 | .25W 1% MF | Xicon | 271-910-RC |
| | CBR8 | 910 | | | |
| 2 | CBR4 | 1k27 | .25W 1% MF | Xicon | 271-1.27K-RC |
| | CBR7 | 1k27 | | | |
| 2 | CBR5 | 1k58 | .25W 1% MF | Xicon | 271-1.58K-RC |
| | CBR6 | 1k58 | | | |

| | | | | | |
|---|-------|------|------------|-------|--------------|
| 2 | CBR11 | 511 | .25W 1% MF | Xicon | 271-511-RC |
| | CBR20 | 511 | | | |
| 2 | CBR12 | 649 | .25W 1% MF | Xicon | 271-649-RC |
| | CBR19 | 649 | | | |
| 2 | CBR13 | 931 | .25W 1% MF | Xicon | 271-931-RC |
| | CBR18 | 931 | | | |
| 2 | CBR14 | 1k27 | .25W 1% MF | Xicon | 271-1.27K-RC |
| | CBR17 | 1k27 | | | |
| 2 | CBR15 | 1k58 | .25W 1% MF | Xicon | 271-1.58K-RC |
| | CBR16 | 1k58 | | | |

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|---|-------|------|------------|-------|--------------|
| 2 | CBR21 | 499 | .25W 1% MF | Xicon | 271-499-RC |
| | CBR30 | 499 | | | |
| 2 | CBR22 | 750 | .25W 1% MF | Xicon | 271-750-RC |
| | CBR29 | 750 | | | |
| 2 | CBR23 | 910 | .25W 1% MF | Xicon | 271-910-RC |
| | CBR28 | 910 | | | |
| 2 | CBR24 | 1k24 | .25W 1% MF | Xicon | 271-1.24K-RC |
| | CBR27 | 1k24 | | | |
| 2 | CBR25 | 1k54 | .25W 1% MF | Xicon | 271-1.54K-RC |
| | CBR26 | 1k54 | | | |



| Capacitors | | | | | |
|------------|----------|--------------|----------------------|--------------|--------------------|
| Part # Qty | Position | Value | Type | Manufacturer | Man. Part# |
| 4 | C1 | 10µF, 25V | Axial, Electrolytic | BC | MAL213836109E3 |
| | C6 | 10µF, 25V | | | |
| | C8 | 10µF, 25V | | | |
| | C14 | 10µF, 25V | | | |
| 2 | C2 | .1µF, 50V | X7R Ceramic | BC | K104K15X7RF5TL2 |
| | C3 | .1µF, 50V | | | |
| 4 | C7 | 150pF, 50V | COG Ceramic | Murata | RPE5C1H151J2P1A03B |
| | C11 | 150pF, 50V | | | |
| | C15 | 150pF, 50V | | | |
| | C16 | 150pF, 50V | | | |
| 1 | C4 | .012µF, 50V | Polyester Film | Nichicon | QYX1H123JTP |
| 1 | C5 | .0012µF, 50V | Polyester Film | Nichicon | QYX1H122JTP |
| 1 | C9 | .039µF, 50V | Polyester Film | Nichicon | QYX1H393JTP |
| 1 | C10 | .39µF, 50V | Polyester Film | Nichicon | QYX1H394JTP |
| 2 | C12 | 47µf, 25V | Radial, Electrolytic | Nichicon | UHE1E470MDD |
| | C13 | 47µf, 25V | | | |

| Operational Amplifiers | | | | | |
|------------------------|----------|-------|-------------------|--------------|------------|
| Part # Qty | Position | Value | Type | Manufacturer | Man. Part# |
| 2 | A1 | DF.2 | Discrete Follower | CAPI | |
| | A2 | DF.2 | | | |
| 2 | A3 | DT05 | 5 Trans Opamp | CAPI | |
| | A4 | DT05 | | | |

| Switches | | | | | |
|------------|----------|-------------|-----------------|----------------|------------------|
| Part # Qty | Position | Value | Type | Manufacturer | Man. Part# |
| 1 | SW1 | 4PDT | Pushbutton | Toneluck | PHA4UEE |
| 2 | SW2 | SPDT | On-On Toggle | C&K Components | T101MH9ABE |
| | SW5 | SPDT | | | |
| 3 | SW3 | 1Deck-1Pole | Rotary-Shorting | Grayhill | 71ADF30-01-1-AJS |
| | SW4 | 1Deck-1Pole | | | |
| | SW6 | 1Deck-1Pole | | | |
| 1 | SW1 | Red | Pushbutton Cap | E-Switch | 1RRED |



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| Diodes | | | | | |
|---------------|----------|-------|-----------------|--------------|--------------|
| Part # Qty | Position | Value | Type | Manufacturer | Man. Part# |
| 1 | LED1 | LED | Round, 3mm, T-1 | Lumex | SSL-LX3044ID |

| Knobs & Inserts | | | | | |
|----------------------------|----------|-------------|----------------|--------------|---------------|
| Part # Qty | Position | Value | Type | Manufacturer | Man. Part# |
| 3 | SW3 | .125" Shaft | Control Knob | CAPI | 5-37-1A |
| | SW4 | .125" Shaft | | | |
| | SW6 | .125" Shaft | | | |
| 3 | SW3 | Blue | Colored Insert | CAPI | JNW-x-37-blue |
| | SW4 | Blue | | | |
| | SW6 | Blue | | | |

| Miscellaneous | | | | | |
|----------------------|----------|--------------|------|--------------|-----------------|
| Part # Qty | Position | Value | Type | Manufacturer | Man. Part# |
| 2 | J1 | 3-Pin Socket | Gold | 3M | 929850-01-03-RA |
| | J2 | 3-Pin Socket | | | |
| 1 | J3 | 7-Pin Header | Tin | 3M | 929834-01-07 |
| 1 | **** | 7-Pin Header | PCB | CAPI | |

