

| Resistors | | | | | | | |
|------------|----------|-------|------------|--------------|---------|--------------|--------|
| Part # Qty | Position | Value | Type | Manufacturer | Spacing | Man. Part# | Vender |
| 1 | R7 | 475R | .25W 1% MF | Xicon | | 271-475-RC | Mouser |
| 2 | R3 | 1k | .25W 1% MF | Xicon | | 271-1K-RC | Mouser |
| | R8 | | | | | | |
| 1 | R1 | 3k | .25W 1% MF | Xicon | | 271-3K-RC | Mouser |
| 1 | R5 | 4.75k | .25W 1% MF | Xicon | | 271-4.75K-RC | Mouser |
| 3 | R16 | 5.1k | .25W 1% MF | Xicon | | 271-5.1K-RC | Mouser |
| | R19 | | | | | | |
| | R24 | | | | | | |
| 1 | R14 | 5.49k | .25W 1% MF | Xicon | | 271-5.49K-RC | Mouser |
| 8 | R11 | 10k | .25W 1% MF | Xicon | | 271-10K-RC | Mouser |
| | R15 | | | | | | |
| | R17 | | | | | | |
| | R20 | | | | | | |
| | R21 | | | | | | |
| | R23 | | | | | | |
| | R25 | | | | | | |
| | R26 | | | | | | |
| 1 | R13 | 13k | .25W 1% MF | Xicon | | 271-13K-RC | Mouser |
| 2 | R10 | 14.7k | .25W 1% MF | Xicon | | 271-14.7K-RC | Mouser |
| | R22 | | | | | | |
| 1 | R2 | 130k | .25W 1% MF | Xicon | | 271-130K-RC | Mouser |
| 1 | R6 | 220k | .25W 1% MF | Xicon | | 271-220K-RC | Mouser |
| 2 | R4 | 2M2 | .25W 1% MF | Xicon | | 271-2.2M-RC | Mouser |
| | R9 | | | | | | |
| 2 | R12 | 56k | .25W 1% MF | Xicon | | 271-56K-RC | Mouser |
| | R18 | 56k | | | | | |



| Cut / Boost Resistors | | | | | | | |
|-----------------------|----------|-------|------------|--------------|---------|--------------|--------|
| Part # Qty | Position | Value | Type | Manufacturer | Spacing | Man. Part# | Vender |
| 2 | CBR1 | 487 | .25W 1% MF | Xicon | | 271-487-RC | Mouser |
| | CBR10 | | | | | | |
| 2 | CBR2 | 698 | .25W 1% MF | Xicon | | 271-698-RC | Mouser |
| | CBR9 | | | | | | |
| 2 | CBR3 | 910 | .25W 1% MF | Xicon | | 271-910-RC | Mouser |
| | CBR8 | | | | | | |
| 2 | CBR4 | 1270 | .25W 1% MF | Xicon | | 271-1.27K-RC | Mouser |
| | CBR7 | | | | | | |
| 2 | CBR5 | 1580 | .25W 1% MF | Xicon | | 271-1.58K-RC | Mouser |
| | CBR6 | | | | | | |
| 2 | CBR11 | 511 | .25W 1% MF | Xicon | | 271-511-RC | Mouser |
| | CBR20 | | | | | | |
| 2 | CBR12 | 649 | .25W 1% MF | Xicon | | 271-649-RC | Mouser |
| | CBR19 | | | | | | |
| 2 | CBR13 | 931 | .25W 1% MF | Xicon | | 271-931-RC | Mouser |
| | CBR18 | | | | | | |
| 2 | CBR14 | 1270 | .25W 1% MF | Xicon | | 271-1.27K-RC | Mouser |
| | CBR17 | | | | | | |
| 2 | CBR15 | 1580 | .25W 1% MF | Xicon | | 271-1.58K-RC | Mouser |
| | CBR16 | | | | | | |
| 2 | CBR21 | 499 | .25W 1% MF | Xicon | | 271-499-RC | Mouser |
| | CBR30 | | | | | | |
| 2 | CBR22 | 750 | .25W 1% MF | Xicon | | 271-750-RC | Mouser |
| | CBR29 | | | | | | |
| 2 | CBR23 | 910 | .25W 1% MF | Xicon | | 271-910-RC | Mouser |
| | CBR28 | | | | | | |
| 2 | CBR24 | 1240 | .25W 1% MF | Xicon | | 271-1.24K-RC | Mouser |
| | CBR27 | | | | | | |
| 2 | CBR25 | 1540 | .25W 1% MF | Xicon | | 271-1.54K-RC | Mouser |
| | CBR26 | | | | | | |



| Capacitors | | | | | | | |
|------------|----------|--------------|----------------------|--------------|----------|--------------------|----------|
| Part # Qty | Position | Value | Type | Manufacturer | Spacing | Man. Part# | Vender |
| 4 | C1 | 10µF, 25V | Axial, Electrolytic | BC | L 12.7mm | MAL213836109E3 | Digi-Key |
| | C6 | | | | | | |
| | C8 | | | | | | |
| | C14 | | | | | | |
| 2 | C2 | .1µF, 50V | X7R Ceramic | BC | 2.5mm | K104K15X7RF5TL2 | Mouser |
| | C3 | | | | | | |
| 4 | C7 | 150pF, 50V | COG Ceramic | Murata | 2.5mm | RPE5C1H151J2P1A03B | Digi-Key |
| | C11 | | | | | | |
| | C15 | | | | | | |
| | C16 | | | | | | |
| 1 | C4 | .012µF, 50V | Polyester Film | Nichicon | | QYX1H123JTP | Digi-Key |
| 1 | C5 | .0012µF, 50V | Polyester Film | Nichicon | | QYX1H122JTP | Digi-Key |
| 1 | C9 | .039µF, 50V | Polyester Film | Nichicon | | QYX1H393JTP | Digi-Key |
| 1 | C10 | .39µF, 50V | Polyester Film | Nichicon | | QYX1H394JTP | Digi-Key |
| 2 | C12 | 47µf, 25V | Radial, Electrolytic | Nichicon | 2mm | UHE1E470MDD | Mouser |
| | C13 | | | | | | |

| Operational Amplifiers | | | | | | | |
|------------------------|----------|-------|-------------------|--------------|---------|------------|--------|
| Part # Qty | Position | Value | Type | Manufacturer | Spacing | Man. Part# | Vender |
| 2 | A1 | DF.2 | Discrete Follower | CAPI | | | CAPI |
| | A2 | | | | | | |
| 2 | A3 | DTO5 | 5 Trans Opamp | CAPI | | | CAPI |
| | A4 | | | | | | |



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

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

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



| Miscellaneous | | | | | | | |
|---------------|----------|--------------|--------------|--------------|---------|-------------------------|--------|
| Part # Qty | Position | Value | Type | Manufacturer | Spacing | Man. Part# | Vender |
| 25 | Opamps | Socket | | Mill-Max | | 0287-0-15-01-16-27-10-0 | CAPI |
| 2 | J1 | 3-Pin Socket | Gold | 3M | 0.1 | 929850-01-03-RA | CAPI |
| | J2 | | | | | | |
| 2 | J3 | 3-Pin Header | Gold (short) | 3M | 0.1 | 929647-01-03-I | CAPI |
| | J4 | | | | | | |
| 1 | J5 | 7-Pin Header | Tin | 3M | 0.1 | 929834-01-07 | CAPI |
| 2 | J3 | Shunt | Gold | 3M | 0.1 | 929953-30 | CAPI |
| | J4 | | | | | | |
| 1 | **** | | PCB | CAPI | | LC53A-CB Rev A.1 | CAPI |

