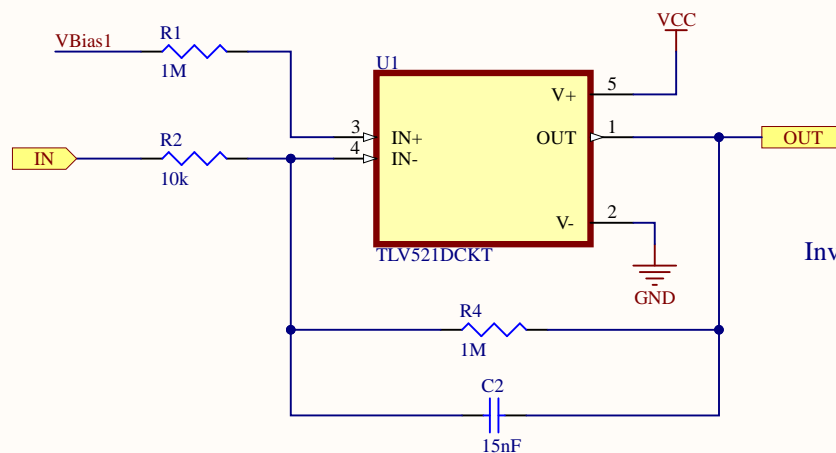
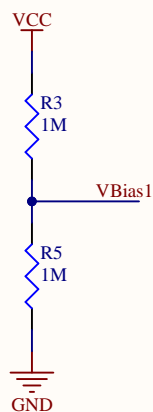
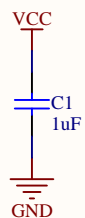
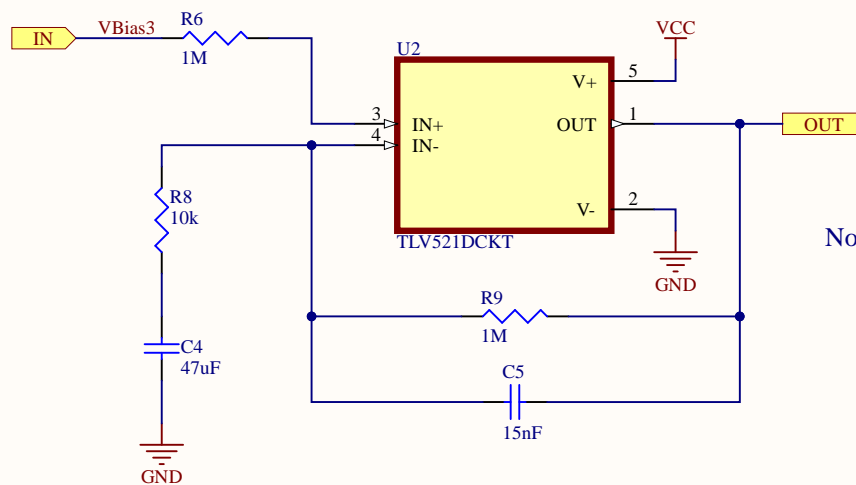
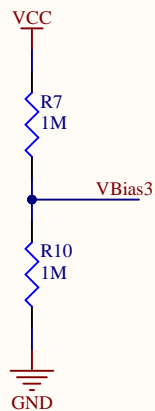
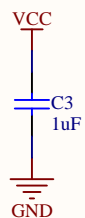


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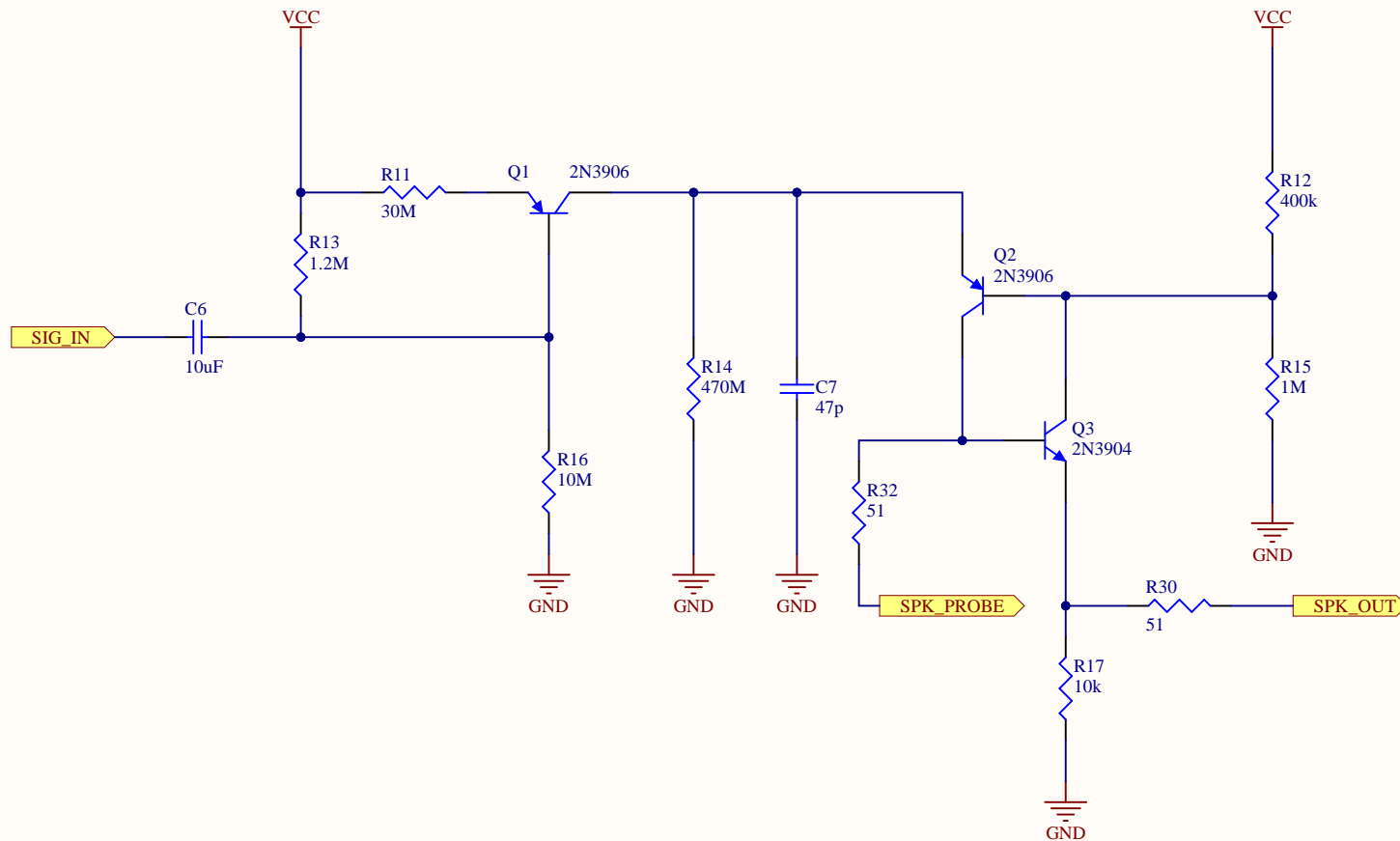
Inverting OP AMP

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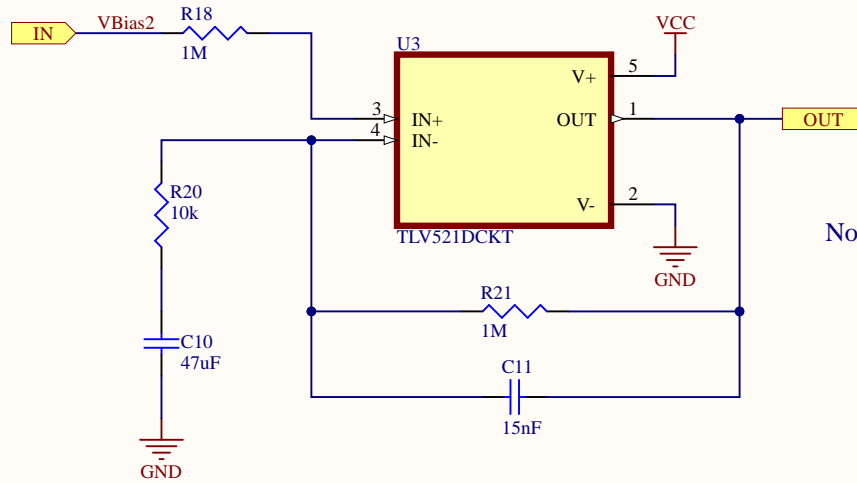
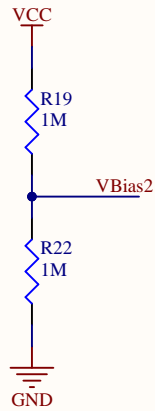
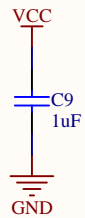


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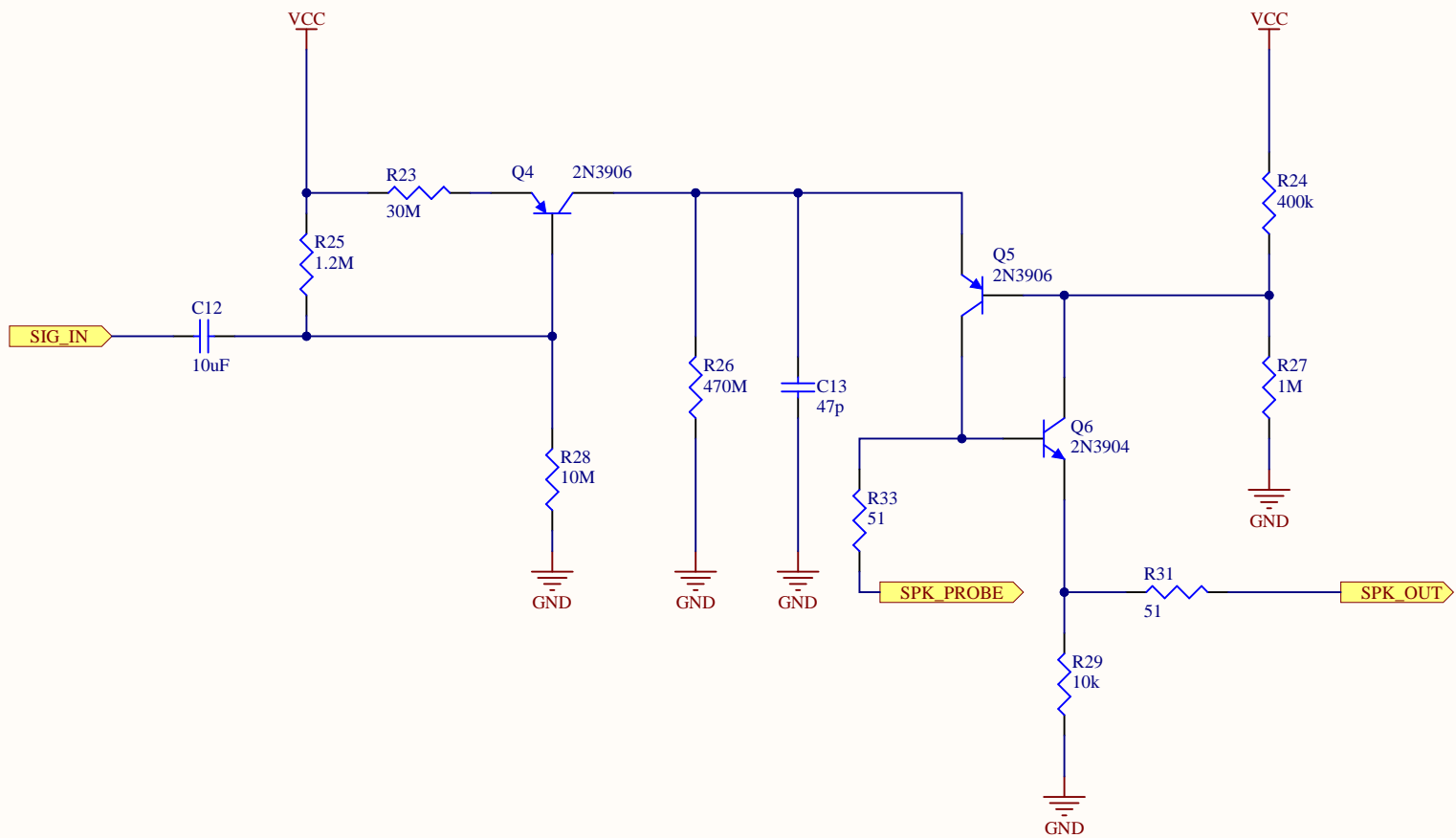


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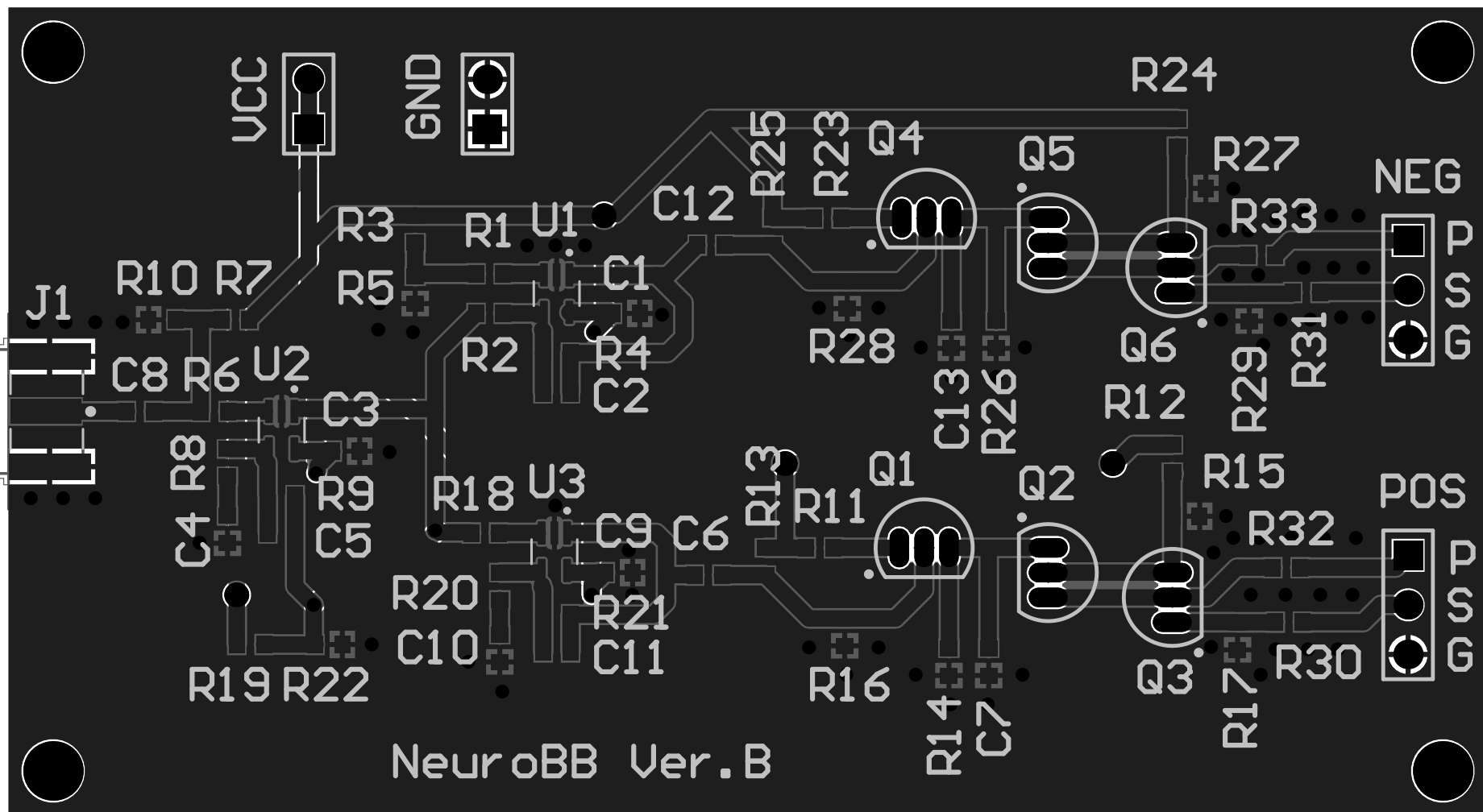


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| Comment | Description | Designator | Footprint | LibRef | Quantity |
|------------------|--|---|------------------|------------------|----------|
| 1uF | Ceramic Capacitor 0603 | C1, C3, C9 | SMD-0603 | CAP0603 | 3 |
| 15nF | Ceramic Capacitor 0603 | C2, C5, C11 | SMD-0603 | CAP0603 | 3 |
| 47uF | Ceramic Capacitor 0603 | C4, C10 | SMD-0603 | CAP0603 | 2 |
| 10uF | Ceramic Capacitor 0603 | C6, C8, C12 | SMD-0603 | CAP0603 | 3 |
| 47p | Ceramic Capacitor 0603 | C7, C13 | SMD-0603 | CAP0603 | 2 |
| SMA-J-P-H-ST-EM1 | Connector SMA F 50Ohm Solder ST Edge Mount Gold Over Nickel Tray | J1 | SMA-J-P-H-ST-EM1 | SMA-J-P-H-ST-EM1 | 1 |
| Header 2 | Header, 2-Pin | P1, P2 | HDR1X2 | Header 2 | 2 |
| Header 3 | Header, 3-Pin | P3, P4 | HDR1X3 | Header 3 | 2 |
| 2N3906 | PNP General Purpose Amplifier | Q1, Q2, Q4, Q5 | TO-92A | 2N3906 | 4 |
| 2N3904 | NPN General Purpose Amplifier | Q3, Q6 | TO-92A | 2N3904 | 2 |
| 1M | Resistor-0603 | R1, R3, R4, R5, R6, R7, R9, R10, R15, R18, R19, R21, R22, R27 | SMD-0603 | RES0603 | 14 |
| 10k | Resistor-0603 | R2, R8, R17, R20, R29 | SMD-0603 | RES0603 | 5 |
| 30M | Resistor-0603 | R11, R23 | SMD-0603 | RES0603 | 2 |
| 400k | Resistor-0603 | R12, R24 | SMD-0603 | RES0603 | 2 |
| 1.2M | Resistor-0603 | R13, R25 | SMD-0603 | RES0603 | 2 |
| 470M | Resistor-0603 | R14, R26 | SMD-0603 | RES0603 | 2 |
| 10M | Resistor-0603 | R16, R28 | SMD-0603 | RES0603 | 2 |
| 51 | Resistor-0603 | R30, R31, R32, R33 | SMD-0603 | RES0603 | 4 |
| TLV521DCKT | 350-nA Nanopower, Single, RRIO, CMOS Input, Operational Amplifier for Cost-Sensitive Systems 5-SC70 -40 to 125 | U1, U2, U3 | TLV521-SOT-5N | TLV521DCKT | 3 |