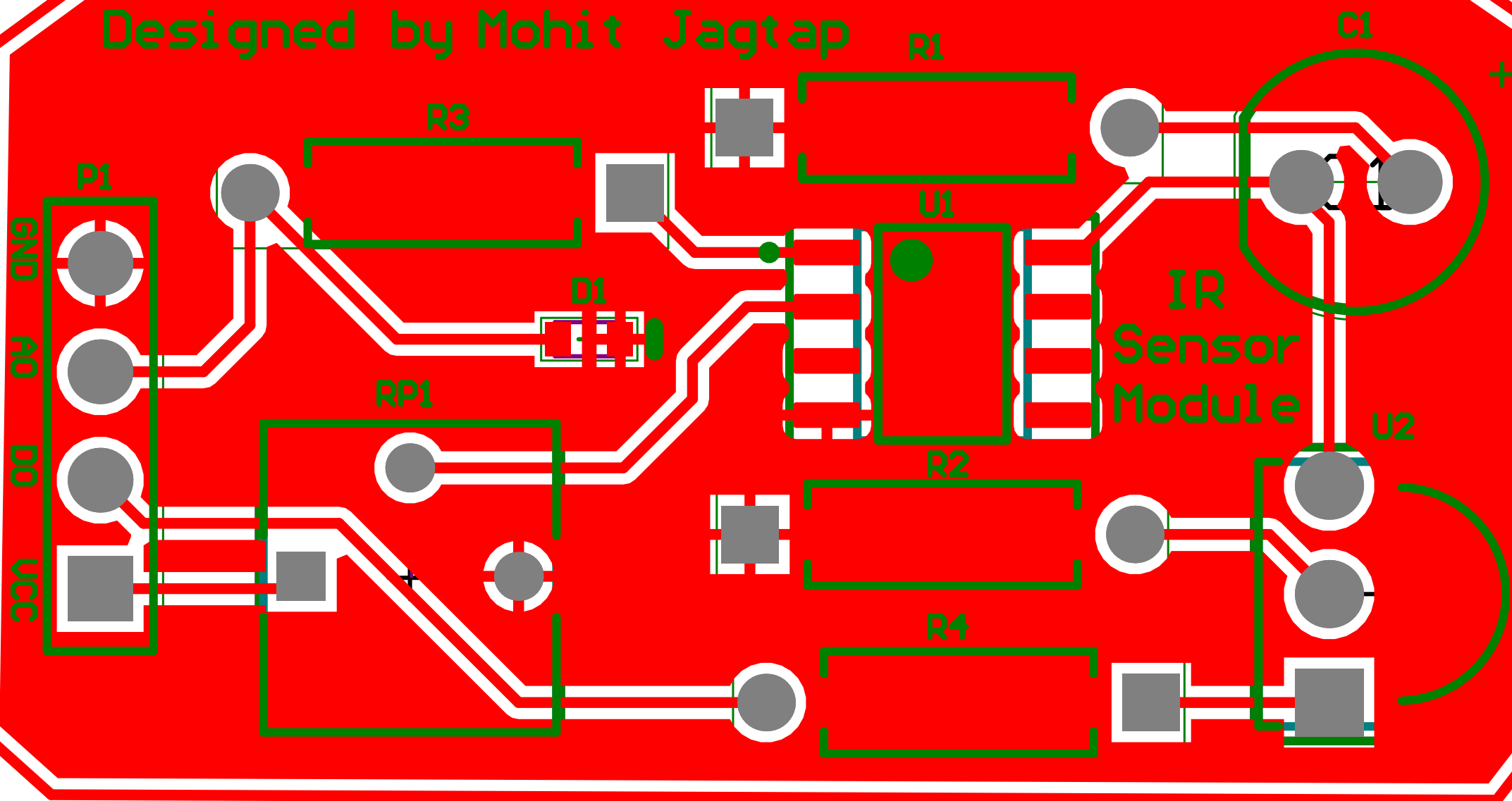


Designed by Mohit Jagtap



| Comment | Description | Designator | Footprint | LibRef | Quantity |
|---------------------|---|----------------|--------------------------|----------------------|----------|
| 1540051EC3590 | 1540051EC3590 WL-TDRB THT Photodiode Round Black | C1 | WL-TDRB_D5.8H8.7 | CMP-03913-98667841-1 | 1 |
| TLMB1100-GS08 | Blue LED, 10 mA, 3.9 V, -40 to 100 degC, 2-Pin SMD (0603), RoHS, Tape and Reel | DS1 | VISH-TLMX1100-2_V | CMP-007-00028-2 | 1 |
| MTLW-104-07-L-S-125 | Low Profile .025" SQ Post Header, Through-hole, Vertical, -55 to 125 degC, 2.54 mm Pitch, 4-Pin, Male, RoHS | P1 | SMTC-MTLW-104-07-X-S-125 | CMP-1024-00072-1 | 1 |
| MFR-25FBF52-1K | Axial Resistor, 1 KOhm, +/- 1%, 250 mW, -55 to 155 degC, 2-Pin THD, RoHS, Bulk | R1, R2, R3, R4 | RESA60-630X240 | CMP-009-00048-4 | 4 |
| 3362P-1-104TLF | TRIMMER 100K OHM 0.5W PC PIN TOP | RP1 | FP-3362P-T-MFG | CMP-07234-000031-1 | 1 |
| LM358LVIDR | IC OPAMP GP 2 CIRCUIT 8SOIC | U1 | FP-D0008A-MFG | CMP-04895-000442-1 | 1 |
| TSOP4338 | TSOP4338 VISHAY TSOP4338 Infrared Receiver, 38 kHz, 45m, 45 , 5.5 V, 2.5 V, -25 C | U2 | FP-6_550-5169_01-4-MFG | CMP-00030-24909036-1 | 1 |