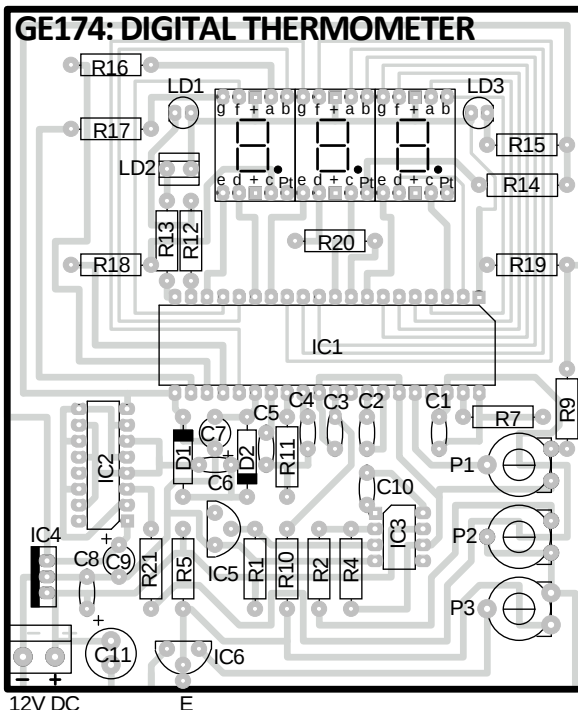
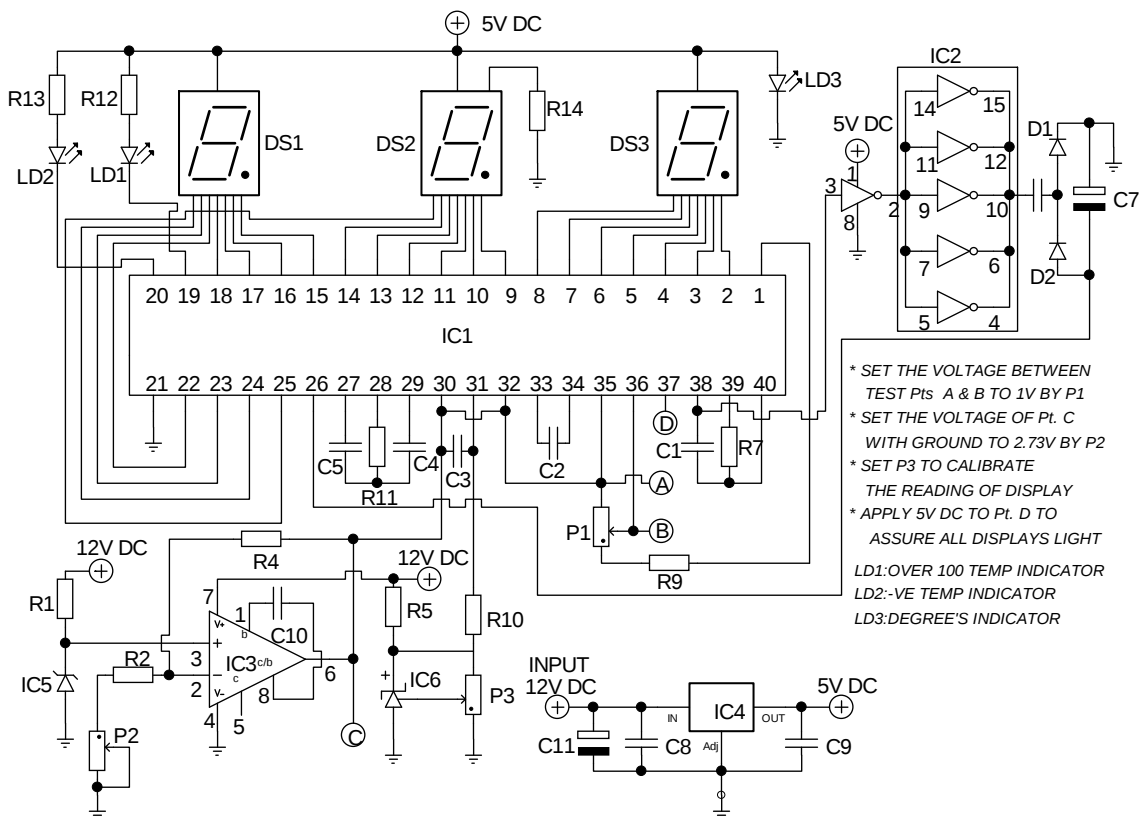


DIGITAL THERMOMETER

GE 174



Bill of materials:

- * R1-R5-R9 : 5.6 KOhm (GREEN-BLUE-RED)
 - * R2 : 8.2 KOhm (GRAY-RED-RED)
 - * R4 : 1 KOhm (BROWN-BLACK-RED)
 - * R7 : 100 KOhm (BROWN-BLACK-YELLOW)
 - * R10 : 1 MOhm (BROWN-BLACK-GREEN)
 - * R11 : 470 KOhm (YELLOW-VIOLET-YELLOW)
 - * R12->R15 : 470 Ohm (YELLOW-VIOLET-BROWN)
 - * R16->R21 : 0 Ohm (BLACK)
 - * P1-P2 : 5 KOhm (VARIABLE RESISTANCE)
 - * P3 : 47 KOhm (VARIABLE RESISTANCE)
 - * C1 : 100 pF/50V <101> (CERAMIC CAPACITOR)
 - * C2-C8 : 100 nF/50V <104> (CERAMIC CAPACITOR)
 - * C3 : 10 nF/50V <103> (CERAMIC CAPACITOR)
 - * C4-C6 : 47 nF/50V <473> (CERAMIC CAPACITOR)
 - * C10 : 47 pF/50V <47> (CERAMIC CAPACITOR)
 - * C5 : 220 nF/50V <224> (CERAMIC CAPACITOR)
 - * C7 : 10 uF/25V (ELECTROLYTIC CAPACITOR)
 - * C9 : 1 uF/25V (ELECTROLYTIC CAPACITOR)
 - * C11 : 220 uF/16V (ELECTROLYTIC CAPACITOR)
 - * D1-D2 : 1N4148 (SIGNAL DIODE)
 - * IC1 : ICL7107 (3-1/2 DIGIT A/D CONVERTER)
 - * IC2 : CD4049 (HEX INVERTER)
 - * IC3 : LM301 (OPERATIONAL AMPLIFIER)
 - * IC4 : LM7805 (5V REGULATOR)
 - * IC5 : LM336 (2.5V ZENER DIODE)
 - * IC6 : LM335 (TEMPERATURE SENSOR)
 - * IC SUPPORT (40 PINS)
 - * IC SUPPORT (16 PINS)
 - * IC SUPPORT (8 PINS)
 - * LD1-LD3 : RED LED (5MM)
 - * LD2 : YELLOW FLAT LED
 - * DS1->DS3 : MAN6960 (7-SEG. DISPLAY 0.5 C.A)
 - * 2 SCREW JUNCTION
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