

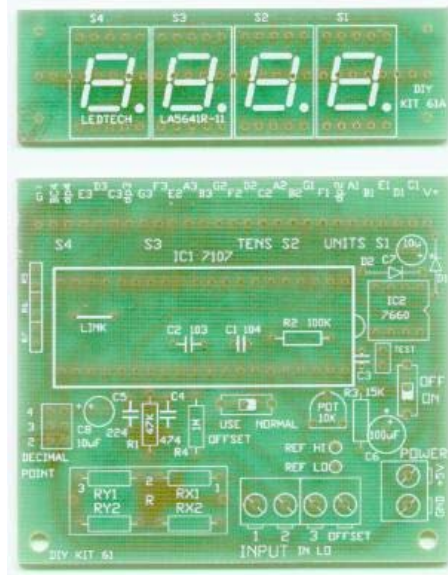


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TW-DIY-5061

Make this general design 3 1/2 digit LED panel meter into your own voltage or current meter. Or customize it to measure input from a transducer. Full details given in the documentation. Separate display PCB.



[zoom photo](#)

3 1/2 Digital LED Panel Meter Kit - DIY

Kit 61 has been designed as a versatile 3 1/2 digit panel meter with these considerations in mind. Also in this Kit we have used small, monoblock capacitors rather than the much bigger mylar or metallized types. This saves space as well as making the meter look better.

COMPONENTS

Resistors 5%, 1/4W:

- 47K R1 yellow violet orange 1
- 100K R2 brown black yellow 1
- 15K R3 brown green orange 1
- 1M R4 brown black green 1
- 470R R5 R6 R7 yellow violet brown 3
- 10M RY1 brown black blue 1
- 10K trimpot 103 1
- 1N4148 diode 2

Capacitors:

- 0.1uF 104 monoblok C1 1
- 0.01uF 103 monoblok C2 1
- 100pF 101 monoblok C3 1
- 0.47uF 474 monoblok C4 1
- 0.22uF 224 monoblok C5 1
- 100uF 16V minicap C6 1
- 10uF mini ecap C7 C8 2
- LED CA display KW1-561ASA 4
- 7107 IC1 1
- 7660 IC2 1
- 40 pin IC socket 1
- 8 pin IC socket 1
- K61 main PCB 1
- K61 display PCB 1
- 2 pole terminal block 3
- SPDT pcb-mounted switch 2
- Jumper 1
- 3 post dual row header 1
- 27 pin single-in-line 90o header 1